



PORTFOLIO REPORT AND FINAL PRESENTATION

Student : ABDUL QAYYUM BIN ABD MUIS

semester : BSc ARCHITECTURE 03

phases compiled in portfolio : 2

- PARASITE

- TOURIST HIDEOUT

compiled : processes of works, sketches, models, etc.

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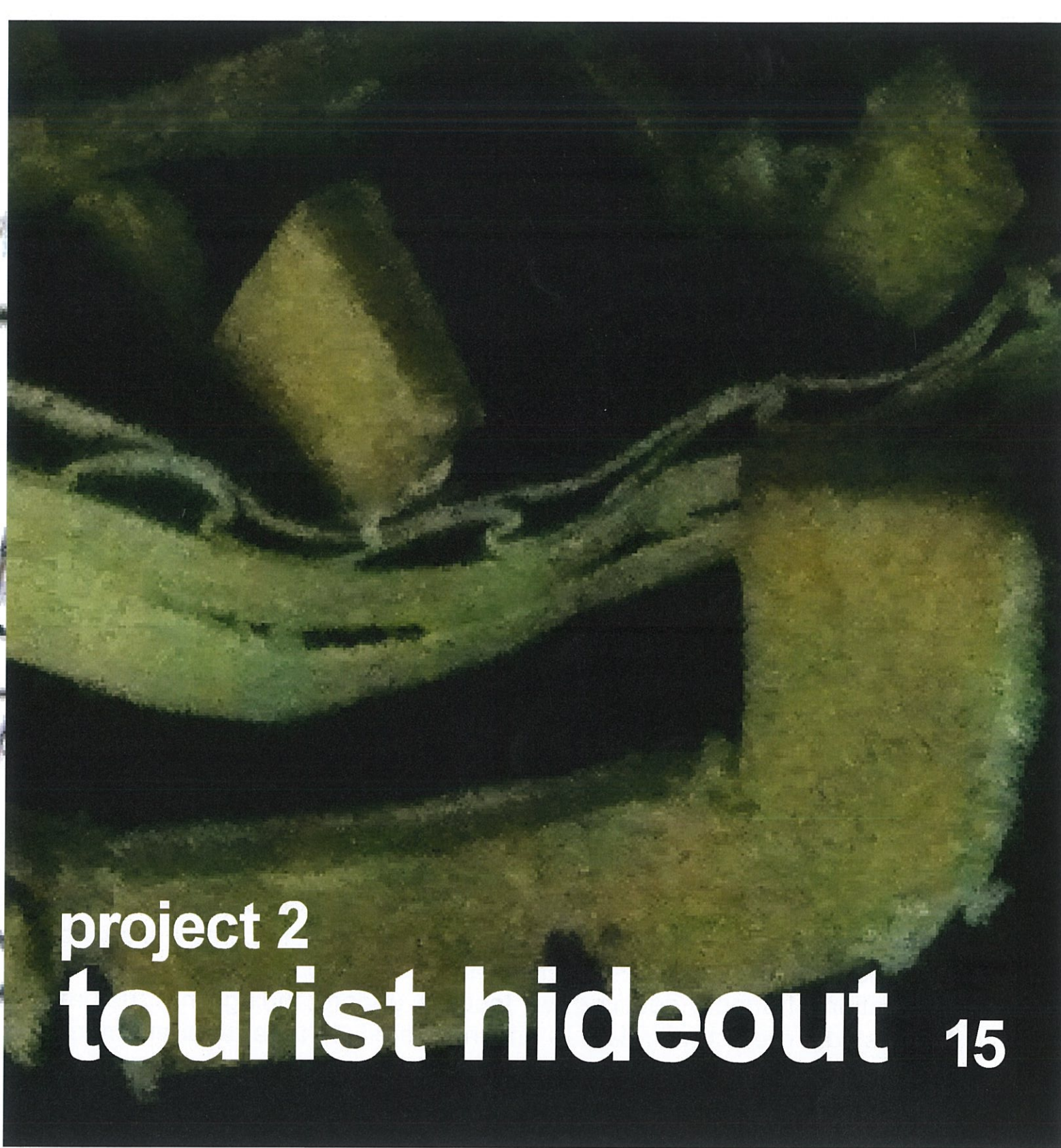
copyright



project 1
parasite

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COURSE DESCRIPTION

The course is divided into 2 parts;

Design Theory:

Theory of space, proportion, function and organization.

- Semiotics meaning of objects, signs and symbols (cultural, practical).
- Anthropometry and Human Scale, Modular System, The Golden Section.
- Systems of proportion: size/ scale/ dimension of form and space, ergonomics and anthropometry.
- Function object purpose, usage, utility, convenience.
- Firmness, Commodity and Delight.
- Phenomenology experiencing architecture and interpretation.
- Sense of place, setting/ platform.
- Time frame, sequential, flow, relationship of objects.
- Culmination into Space.

Design Projects:

Study of proportion, space planning and design idea:

- Space: space defining elements in architecture; linear, vertical and various shaped planes as related to an enclosure, spatial relationship and organization.
- Space planning of domestic spaces.
- Introduction to design theme and ideas.

The project shall be structured to form simple exercises on a single functional space for 1-2 persons and will emphasize basic spatial organization, anthropometry and proportion, and functions in design themes and ideas. Focus will be on the organization of internal furniture, fixtures, equipment and built-in elements, internal space functionality and thematic ambience besides a sense of context through a non-nature based setting. The application of simple detailing will test the understanding on structural integration. Part of the studio project will relate to and integrated with the requirement of construction technology course.

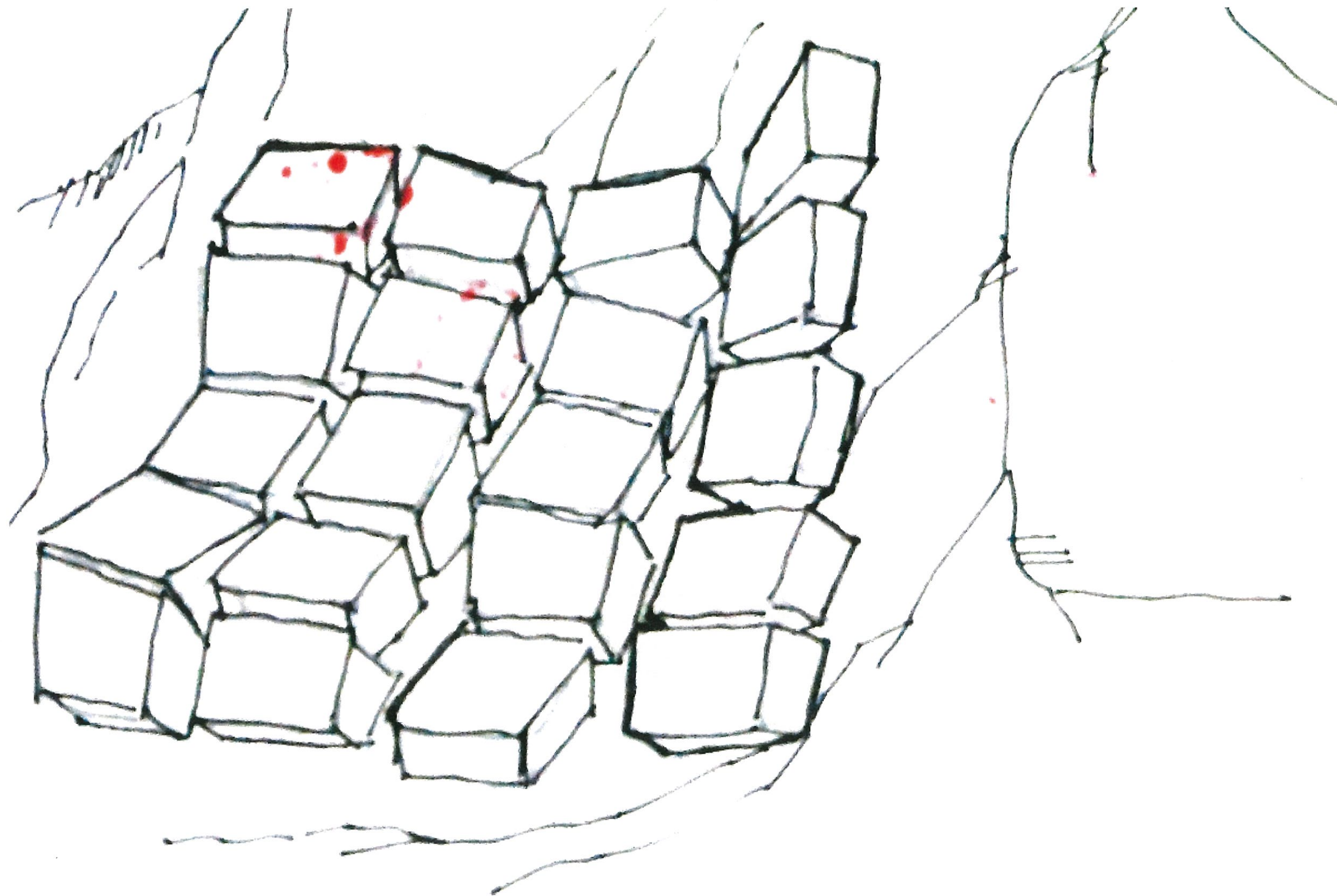
agenda

First of all, I would like to thank you to our studio master, En. Hailane Bin Salam and our lecturers, Pn. Harlina Bt. Mohd Ali, En. Jamsyid Bin Idrus, En. Makhtar, En. Jasmin, PM Ridhwan for your guidance and patience in assisting the production of most of our projects and providing us with more thorough knowledge of construction details through this semester. A big thank you too to my studio mates and my friends for making my days during this semester really fun. Last but not least, to all architecture students of Universiti Teknologi MARA, thank you all for your support!

Oh yes.

My very, very special thank you to my mom and my dad. I cannot do it without your prayers and your support.

acknowledgements



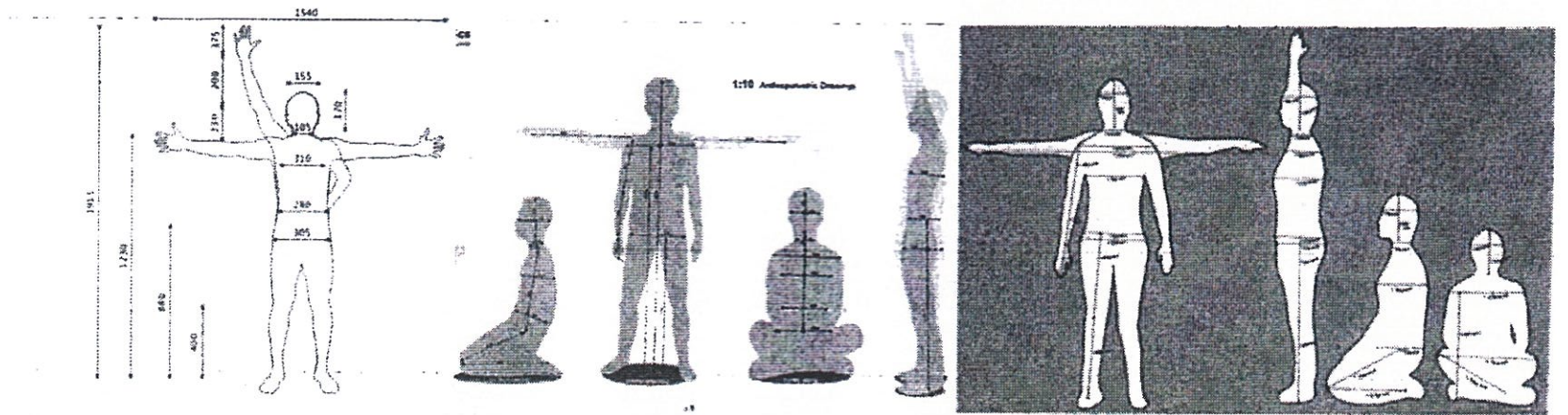
project 1
parasite

brief
research
design
working drawings
model (1:1 scale)

7
8
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14

Part I: Data collection and compilation on anthropometrics, ergonomics and research on different quality spaces. Project Duration: 2 weeks (10%)

Students will be divided into small groups in response to the anthropometrics exercises that will take place in studio. They will be undertaking a series of anthropometrics studies to measure the dimensions of their body with the assistance of a colleague.



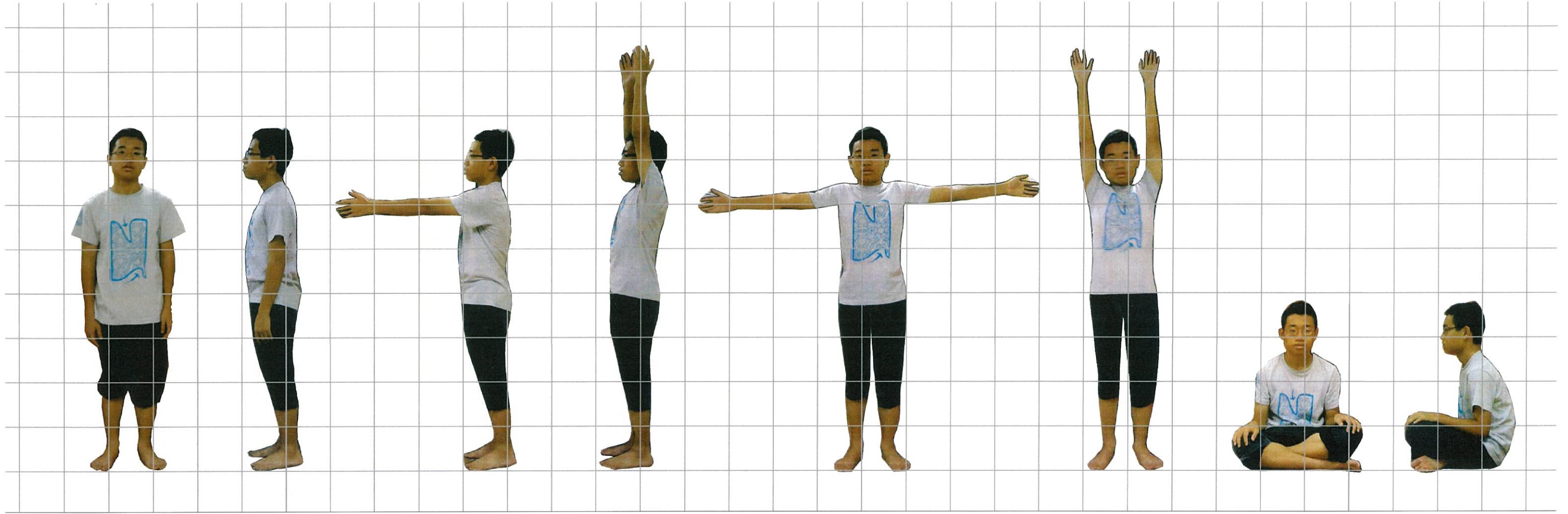
The task will involve research, discussions, dialogues and presentation of technical data on anthropometrics and ergonomics of common habitual spaces (learning, resting, sleeping, food preparation, cleaning and cleansing, etc). Students are to define the functional use of the spaces and to explain their perceptions on the quality of the spaces in the context of dimension, size, proportion, colour, texture, materials, internal furnitures, fixtures, equipment, and built-in elements, internal space functionality, and thematic ambience. Their research should include precedent studies and case studies on related quality spaces.

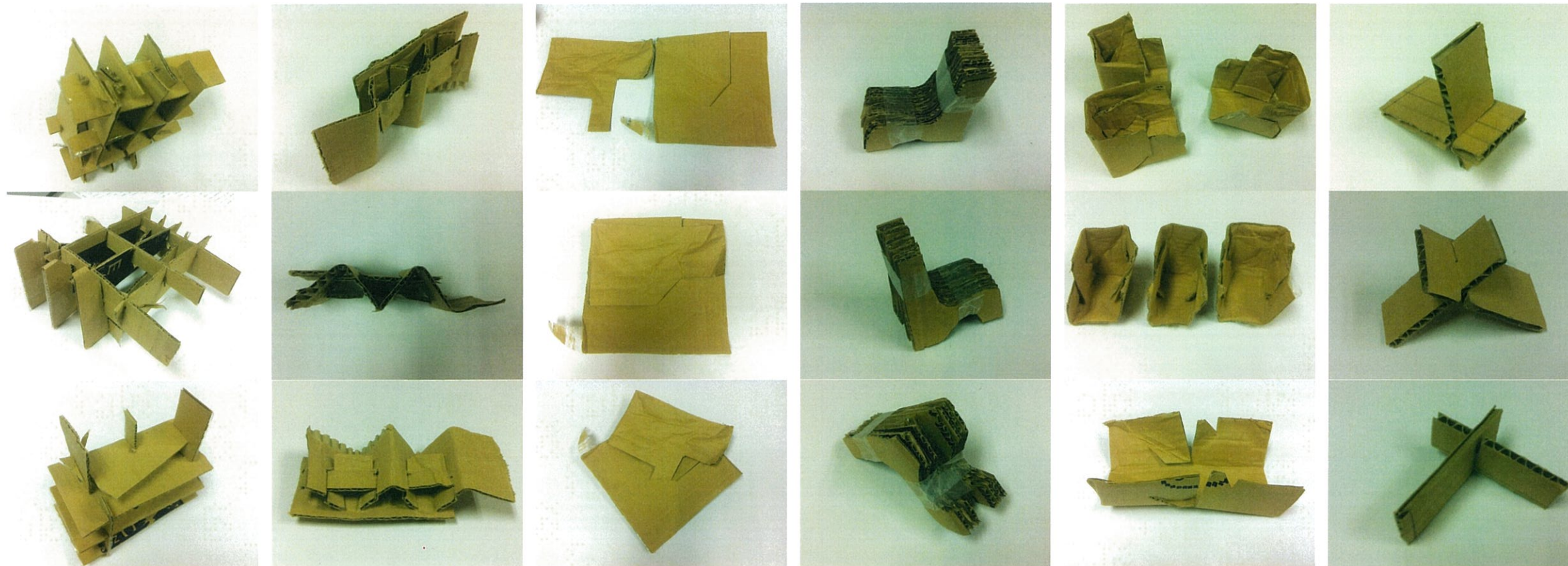
Part II: “The Parasite” A full-scale furniture + space. Duration: 3 weeks (15%)

The *Parasite* is a direct outcome of the research and precedent study from Part I, whereby students are to design a single functional space for 1-2 persons. Students are not only to consider the anthropometrics and ergonomics requirement in the design but also to apply the design language and vocabularies that were taught in the previous semesters in explaining on the quality of space. The indoor unit structure should be designed within the volume of 5 meter cube.

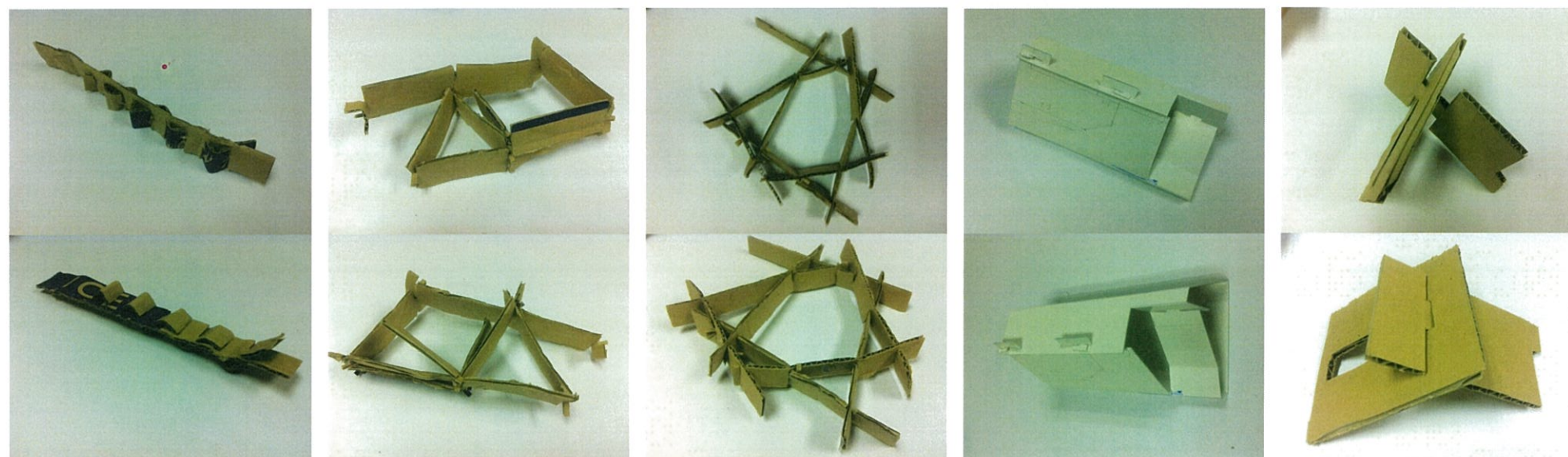
Beware: do **not** design a building (or a tent)

- Design shapes from you
- Design a place to occupy for a day
- Relate to the body (yours) and to the site as you experienced it
 - A resting place in the public park
 - Point of pause to repose for a day

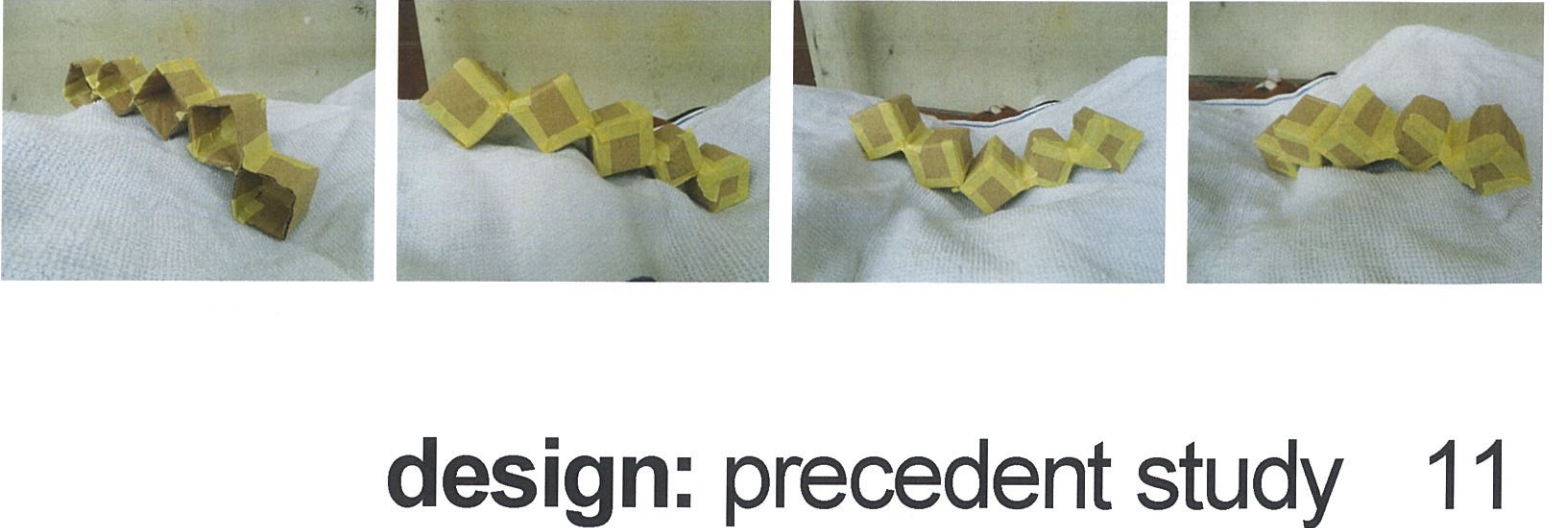
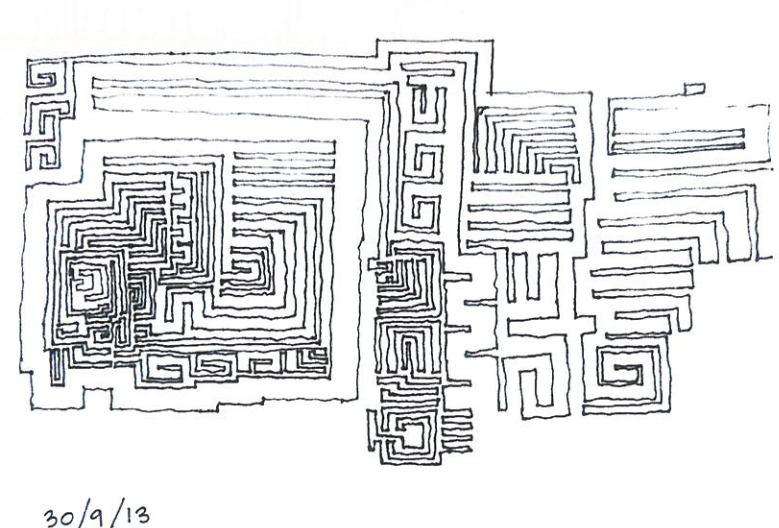
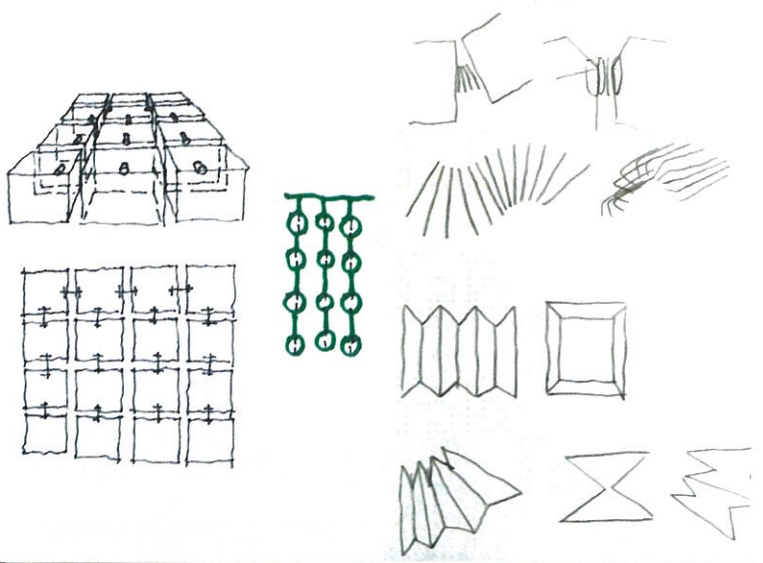
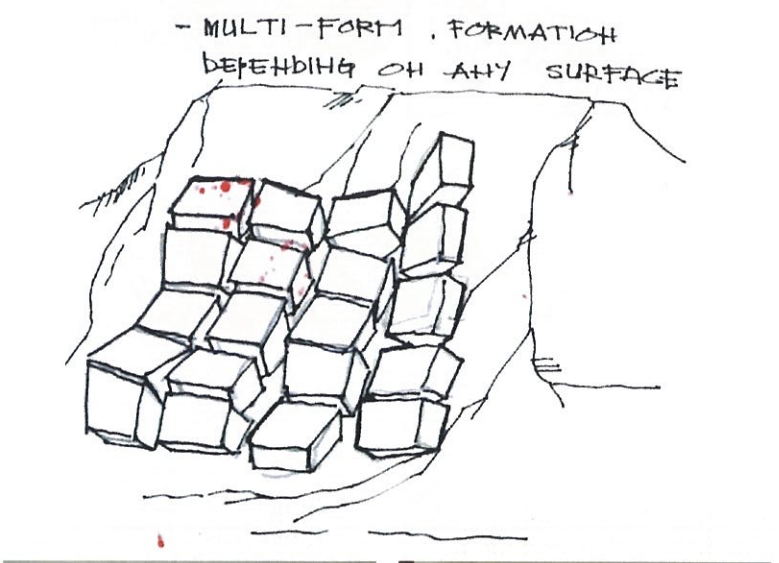
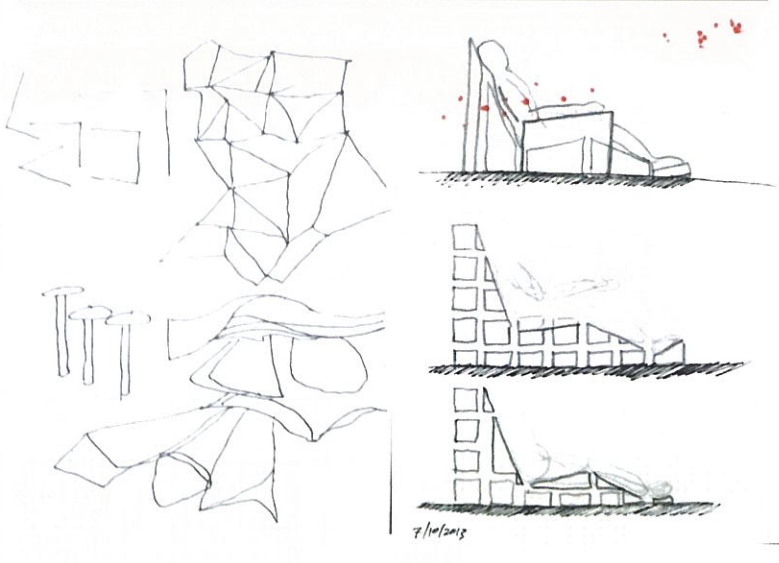
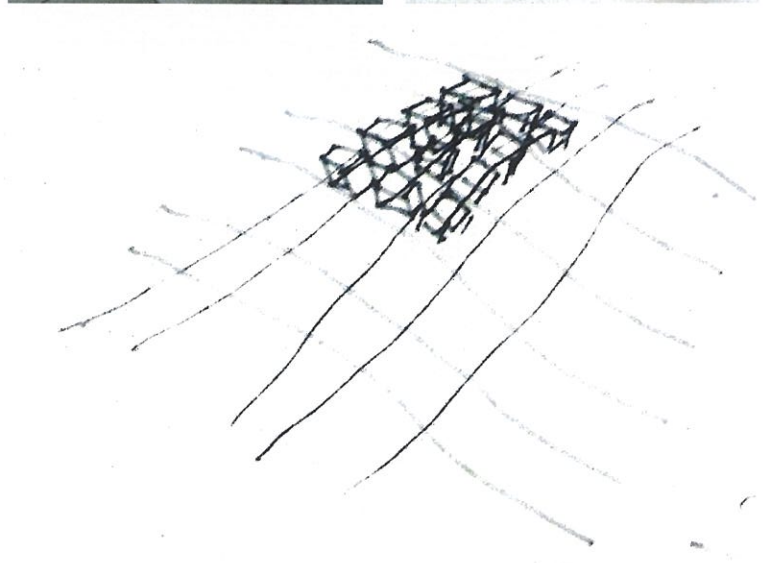
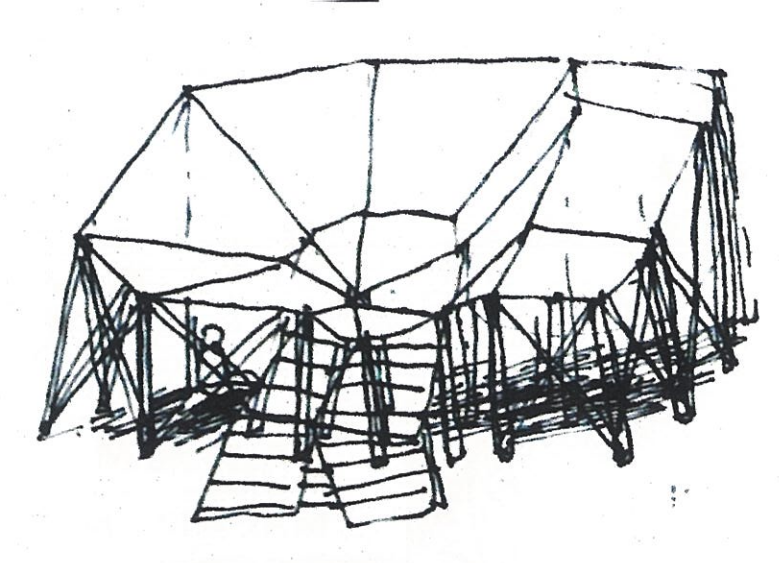
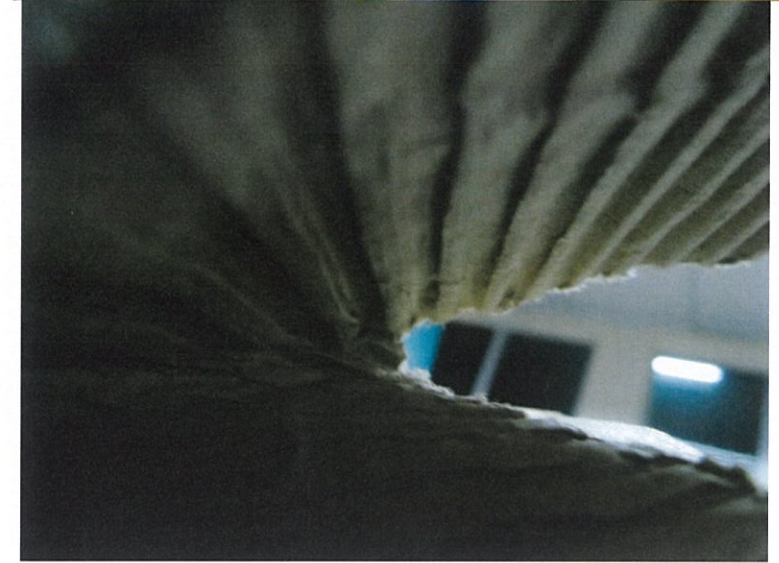
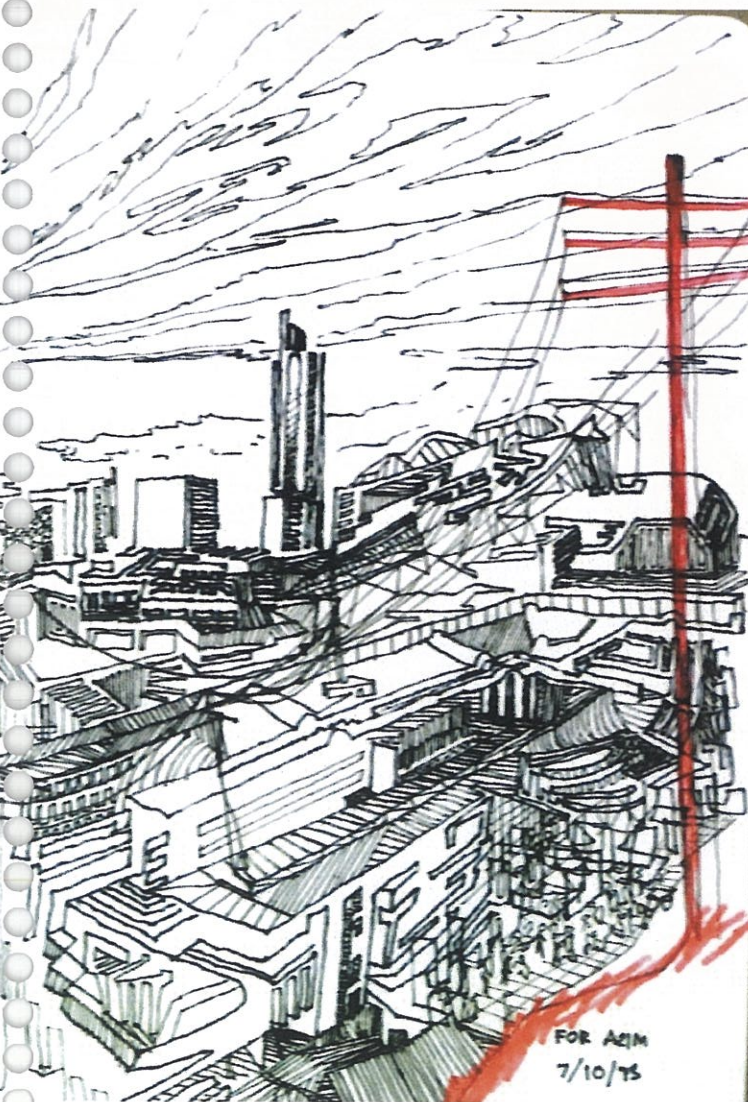
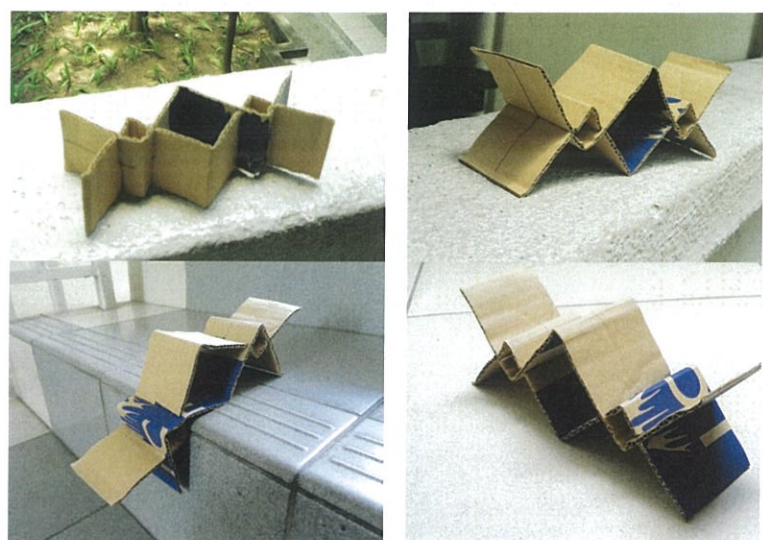
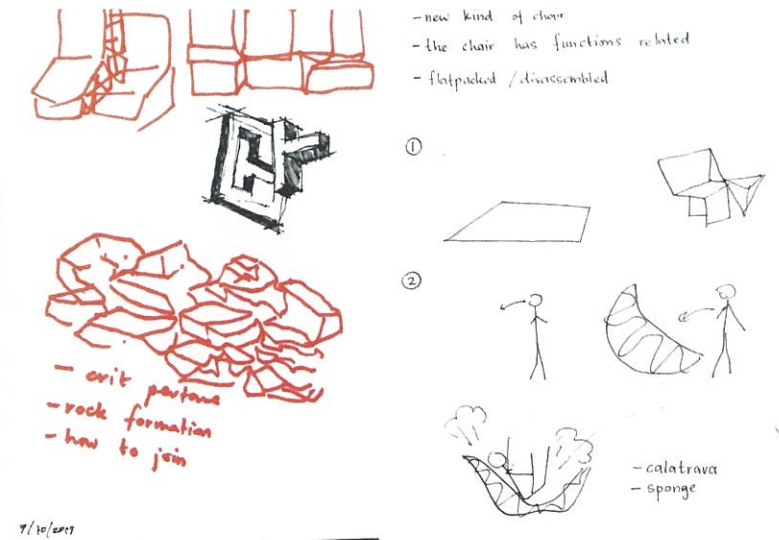
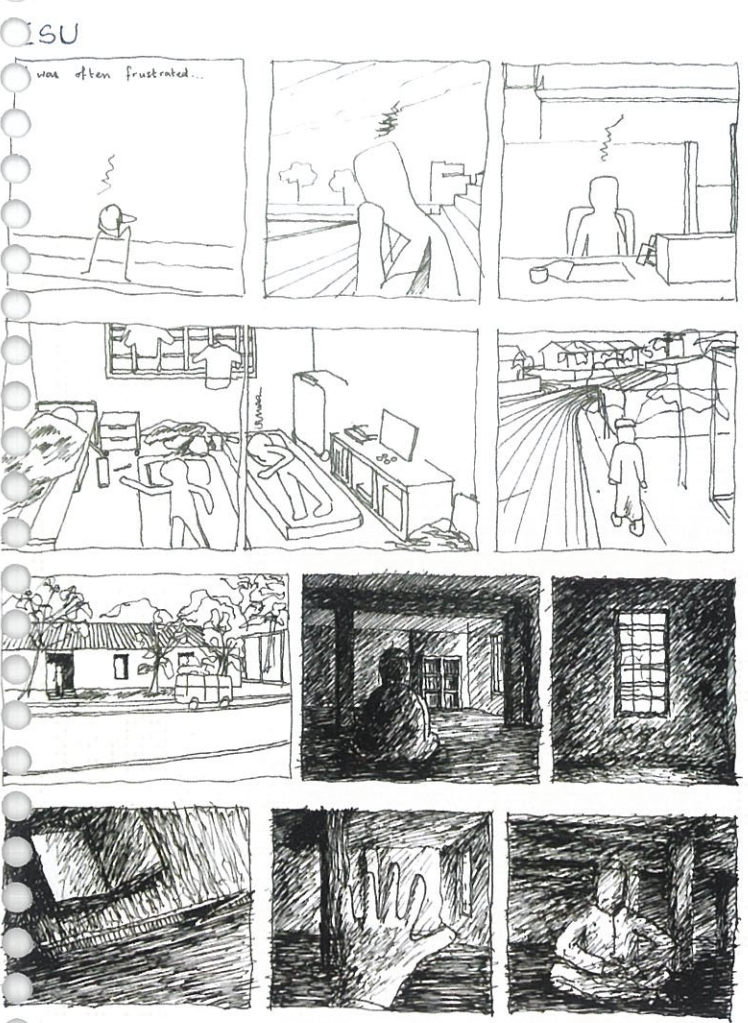


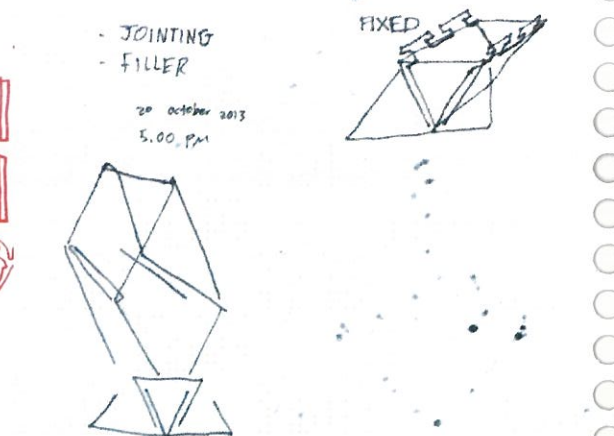
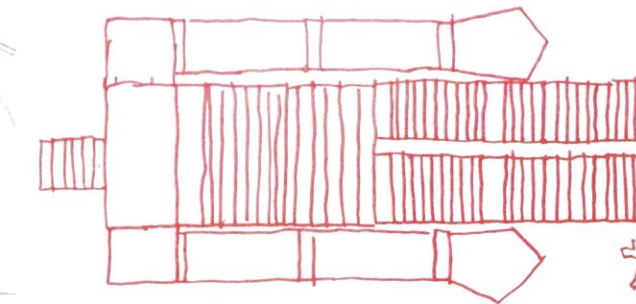
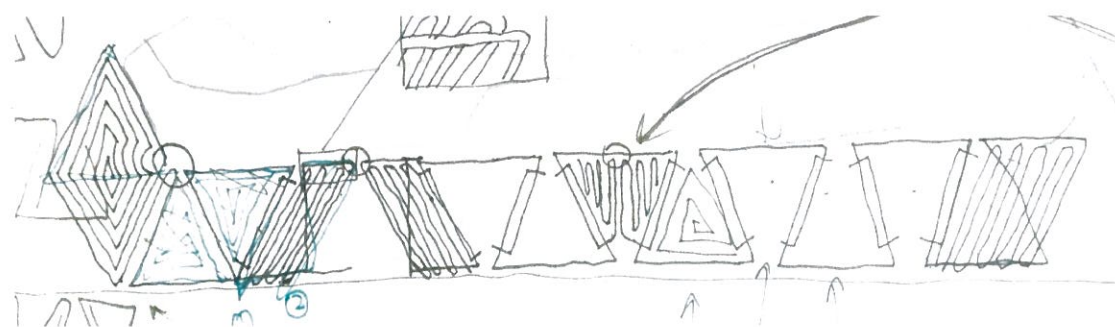
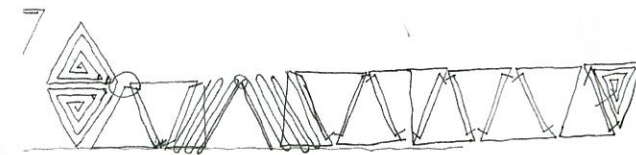
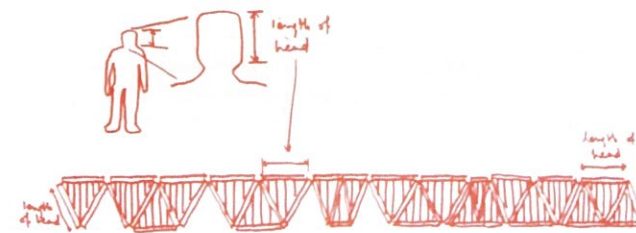
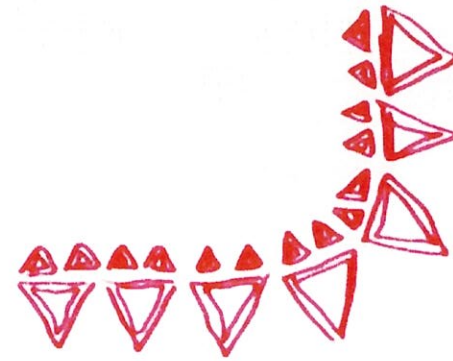
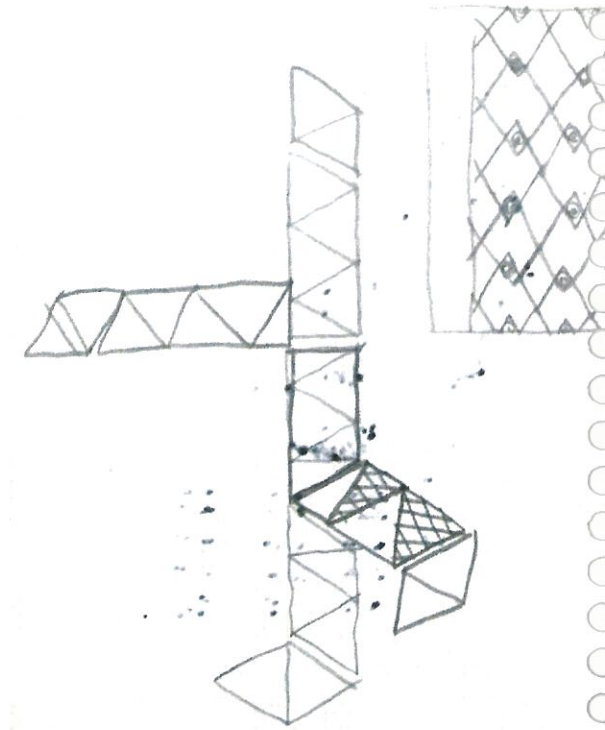
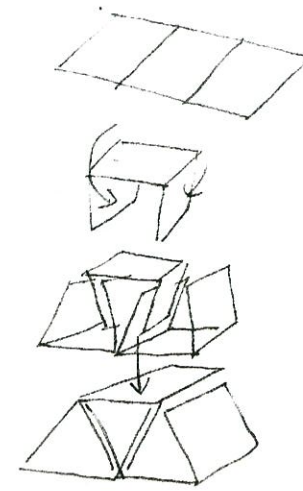
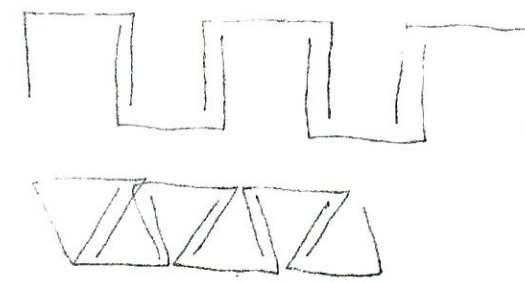
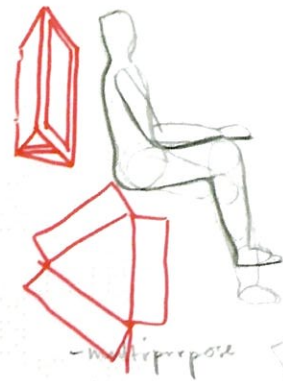
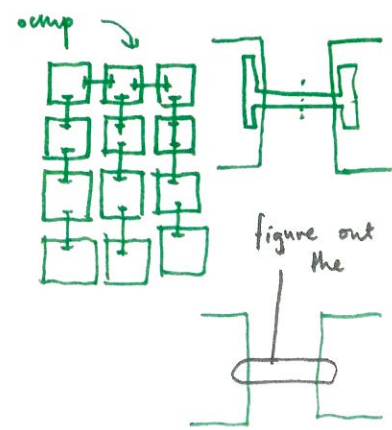
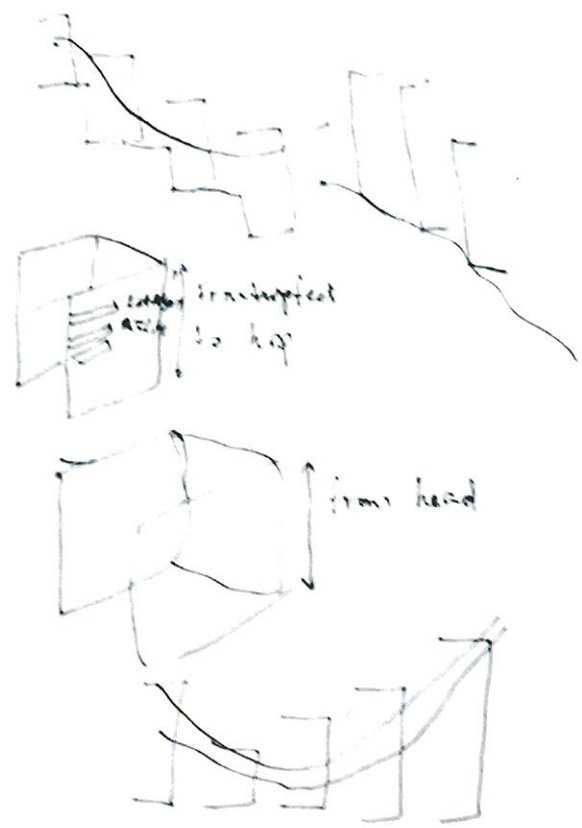


interlocking joint weaving and inter- locking joint slotted joint layered mass slotted and folded joint traditional slotted joint

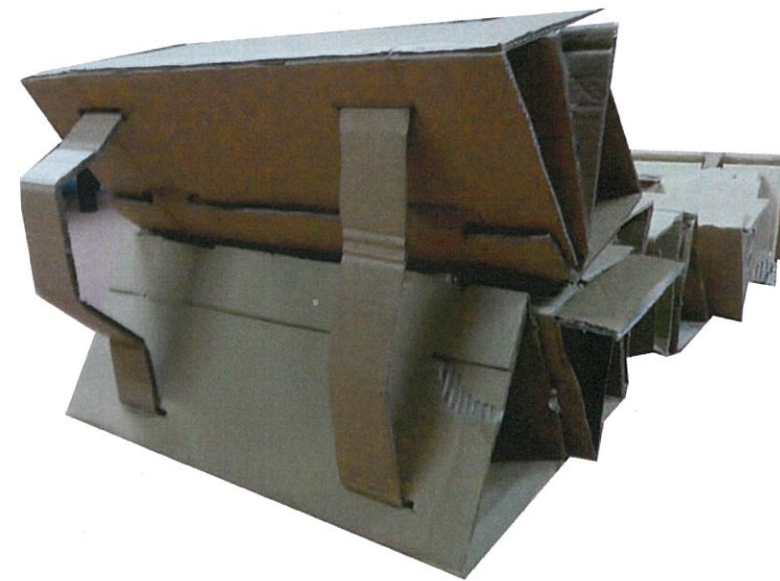
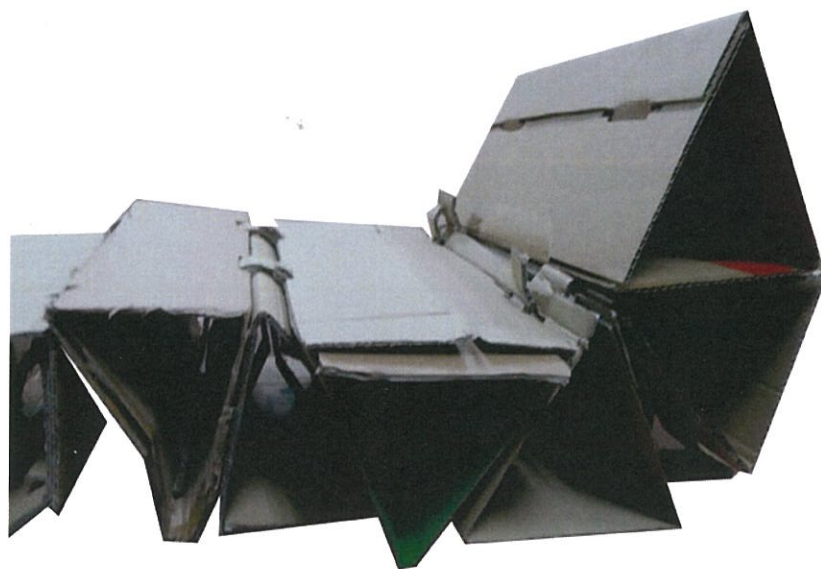
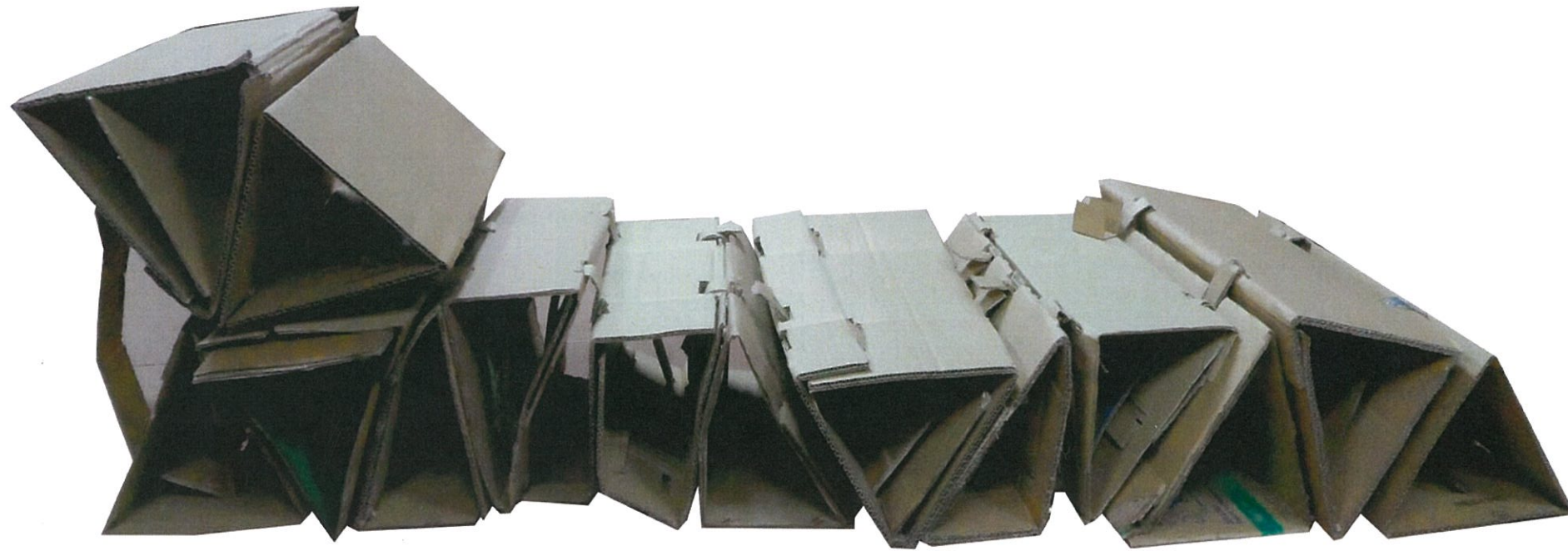


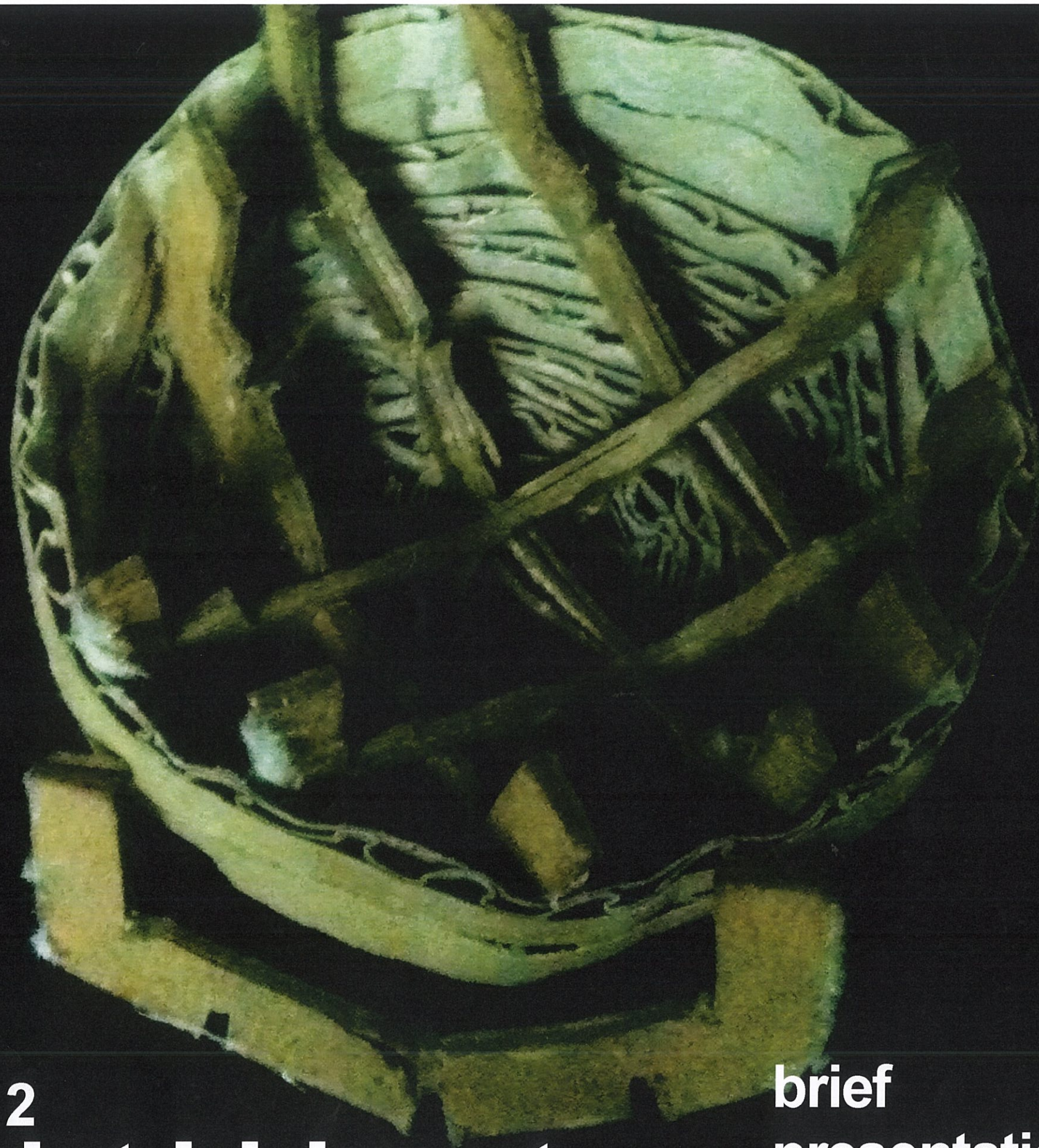
weaving and inter- slotted joints locking joint interlocking joints slotted and folded joint slotted and locked joint





FINAL MODEL





project 2
tourist hideout

brief	16
presentation boards	17
working drawings	21
model (1:25 scale)	27

Part I: Academic trip and analytical sketches Project Duration: 1 weeks (5%)

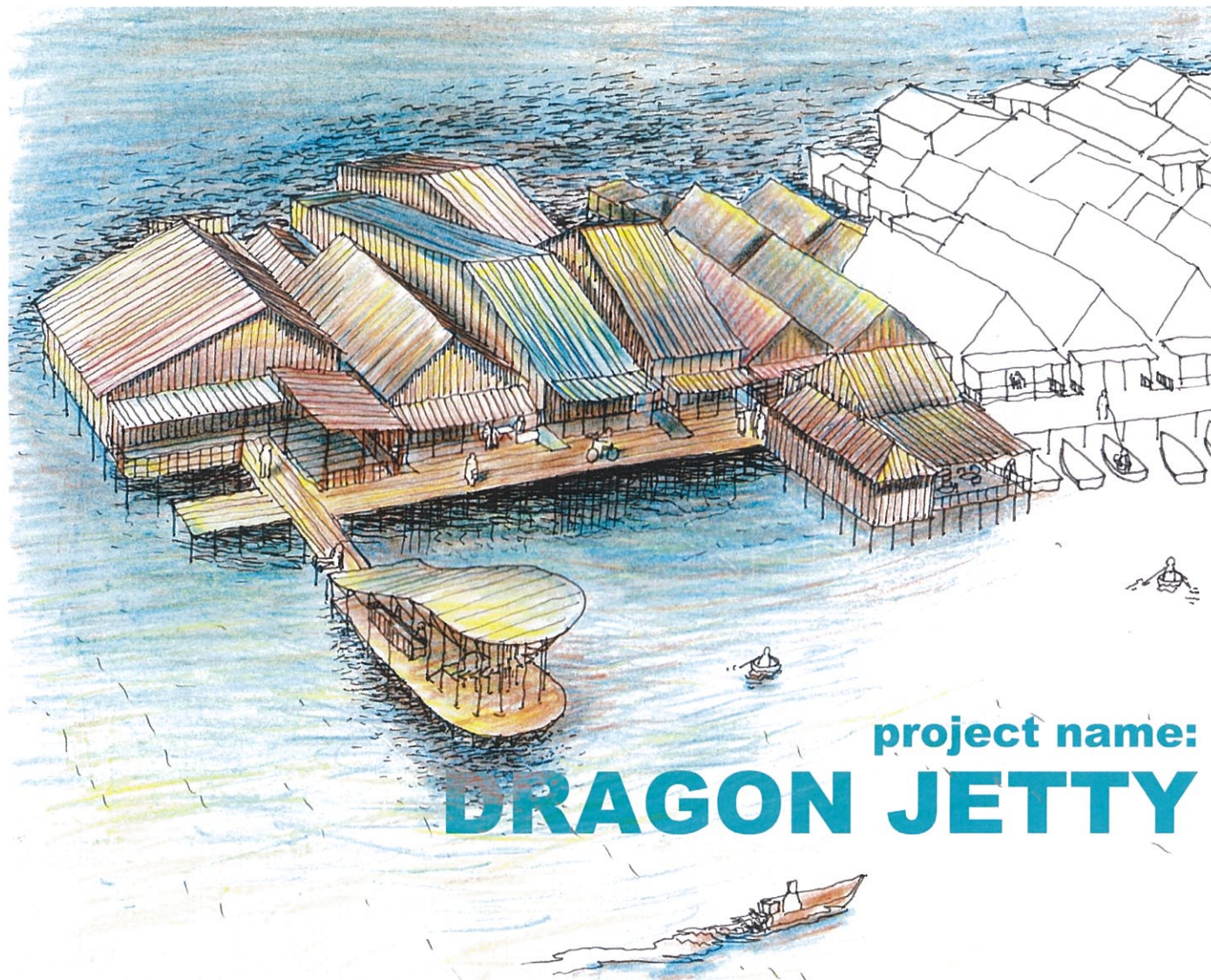
A field trip to George Town, Penang will be organized for academic exposure to the students as it has many attractive heritage shophouses, as well as 19th century mosques, temples, churches and colonial buildings. As part of observation of quality spaces and appreciation of the architectural scenery, students are required to do sketches that depict their observation of the journey and discovery. This is to enhance their observation and drawing skills. These sketches will be composed into a sketch journal for submission. Students will be exposed to research on

- Semiotics meaning of objects, signs and symbols (cultural, practical).
- Phenomenology experiencing architecture and interpretation.
- Sense of place, setting/ platform.

The analytical sketching process in George Town could be adapted in their approaches in design to formulate the design concept of the project. Students are expected to produce 6 pages of colorful 'Sketch Journal' in A3 size during the study trip.

Part II: Tourist space Project Duration: 7 weeks (60%)

Individual design task designing a function space for the tourist to experience the traditional crafts or trade and awareness of one's surroundings with additional activities such as resting and sleeping; or cleaning and cleansing; should be designed with a compact area of approximately 30 meter square (habitable spaces of two persons) and the materials of main structure must be of timber. The understanding of timber construction must be shown clearly in the presentation drawings and the final model. In turn, human identification with a place presupposes that place have "character", that is attributes which distinguish one place from another and which lead to a place its unique presence or *genius loci*.



a boat workshop in chew jetty, georgetown, penang

design statement:

Intent:

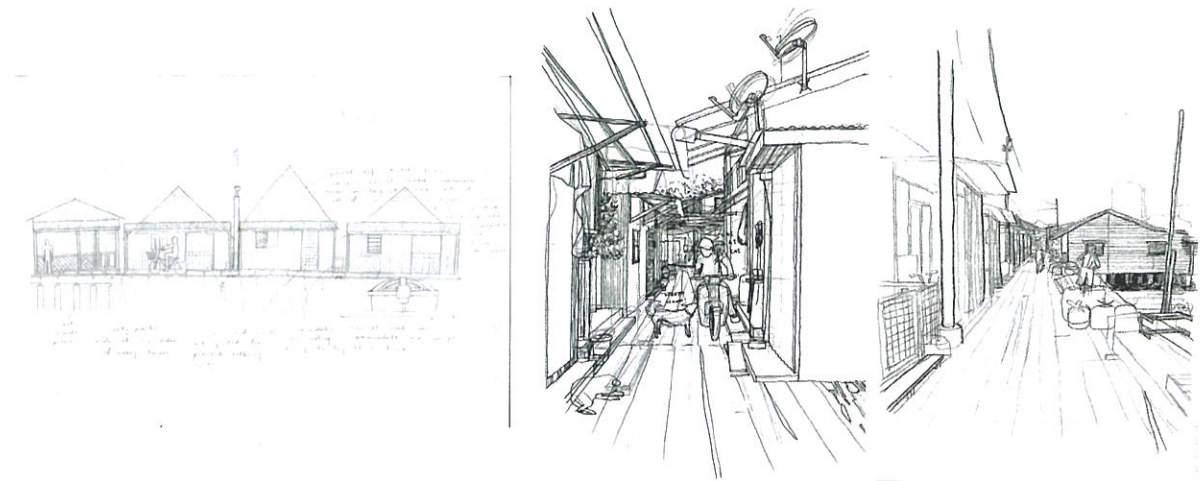
This design attempts to bring a landmark and a public space to Chew Jetty by extending the jetty and exploits the site's advantage of having a complete view of Georgetown's waterfront.

Concept:

The space is based on seawater washing through jetty's stilts, emphasizing fluidity, lightness and loosely defined layout. The form is based on dragon's ascending to the sky, acting as a savior and a guardian to the village. It is accentuated by the smoothly curved roof and the seemingly light public deck.

Space:

At the ground floor, there are a basket boat workshop and a sheltered public jetty. At the first floor is a private space consisting of a bedroom and bathroom for a couple. Connecting them is a curved stair that can be accessed from the workshop.

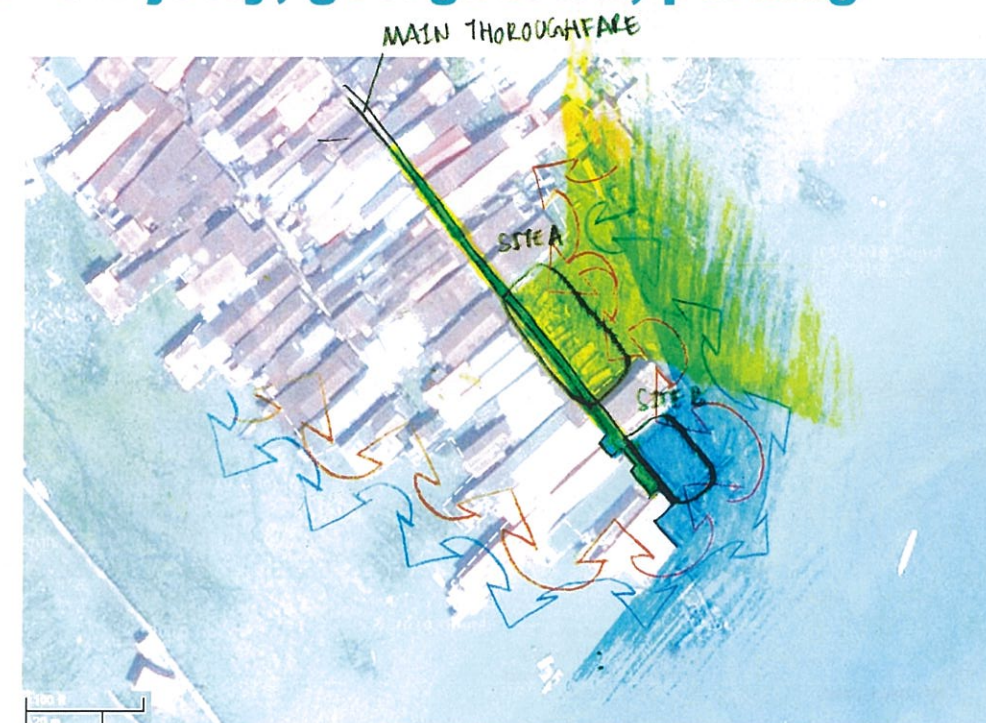


Above: Sketches of Chew Jetty in 26th October.

Chew Jetty is one of the residential jetties of Clan Jetties at Georgetown. These residential jetties are once home to the fishermen and coolie workers (workers who does the hard labour at a port) of the nearby port, the Weld Quay Port. The jetties developed to such an extent that it act simultaneously as residential place and an unofficial trading port.

With the ban on unofficial trade in the 70s, coupled with the modernization of Penang saw most of the residents to look for jobs inland. Now, Chew Jetty is more of a low-cost housing area than a community of clans it once was. Despite being one of the the must-visit tourist spots in Penang, the community had little benefited from the designation.

The designer, Abdul Qayyum, in association with Chew Jetty Community Organisation has planned to profit from these tourist visits and also to strengthen the unity of the community by developing together a unique specialty, a redefinition of the place from a low-cost housing area to a community specializing in boat-making, using most of the resident's trades.



Picture of Site A



Picture of Site B

→ LAND BREEZE

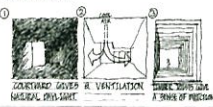
→ SEA BREEZE

● VIEWS ACCESSIBLE FROM SITE A

● VIEWS ACCESSIBLE FROM SITE B

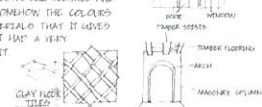
GUEST INN MUNTRI

WE STAYED AT GUEST INN MUNTRI DURING OUR STAY AT PENANG. GUEST INN MUNTRI IS A REPUTED HOTEL. THEY REMOVED A LOT OF OLD BUILDINGS, BUT THEY STILL PRESERVED THE BASIC ELEMENTS THAT MAKE A SHOPHOUSE, SUCH AS TIMBER FLOORING, A COURTYARD, AND A FRONT FAÇADE.



THE CHINESE ENTRANCE

NEXT TO GUEST INN MUNTRI IS AN ABANDONED CHINESE HOUSE. THE FRONT HAS PEELED OFF, THE WINDOWS ARE DAMAGED AND THE FLOOR TILES ARE BROKEN. YET SOMEHOW THE COLOURS MIXED DO WELL WITH THE AGE MATERIALS THAT IT GIVES A RUSTIC AND GENUINE CHARACTER. IT HAD A VERY SENTIMENTAL FEELING ATTACHED TO IT.



NEIGHBOURHOOD ST.

IN MORE PRIVATE STREETS, THE NARROW WIDTH GIVES A MORE INTIMATE SPACE. THESE SPACES ARE MORE SUITABLE FOR HUMAN ACTIVITIES. THIS IS ALSO FUNCTIONAL AS A COMMUNITY CENTRE AND A PLACE WHERE JUST A ROUTE TO THIS THROUGH.



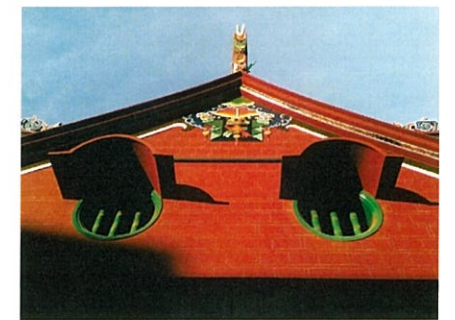
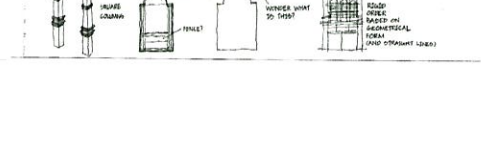
THE SWOOPING SHOPHOUSES

THESE SHOPHOUSES ARE AT INTERSECTION OF JLN PENANG AND JLN CHULIA. ONE DISTINCTION THAT MAKES THESE SHOPHOUSES SPECIAL IS THAT THEY FORM ALL THE FACADES TO FOLLOW THE CORNER. IN THIS SKETCH, I WANTED TO EMPHASIZE DIFFERENT FACADES OF THE SHOPHOUSES, THEY ARE FROM DIFFERENT ERAS FROM EUROPEAN TO MODERN. I LIKE TO SEE THIS AS 'MIXED' BETWEEN CONTRAST.



AN ARMENIAN ST. SHOPHOUSE

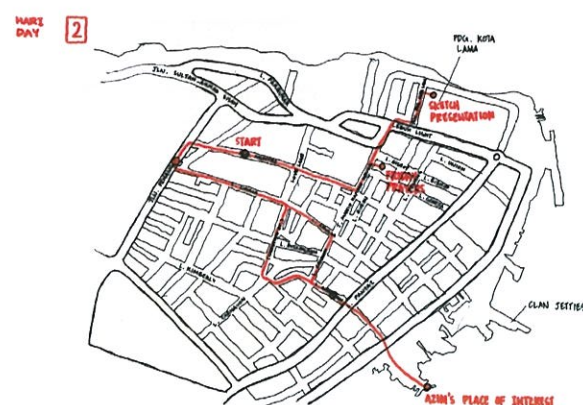
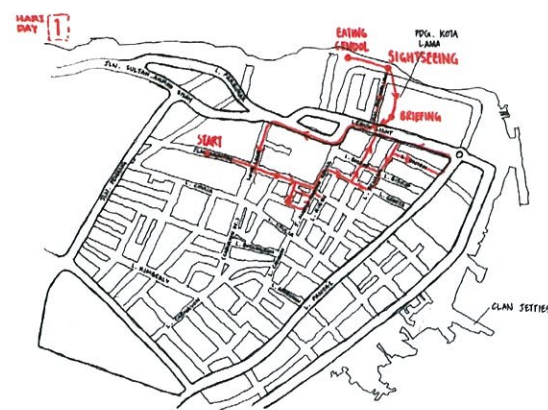
THIS SHOPHOUSE IS LOCATED IN THE MIDDLE STREET. LENGTH THE CORNER OF THE SHOPHOUSE WAS PAID IN RELATION TO OTHER SHOPHOUSES AT THIS STREET. INTERESTINGLY, IT KEPT THE FORMAL BEGINNING OF A SHOPHOUSE: SIMPLE, SPACIOUSLY DECORATED AND FINISHED WITH PINK COLOURS.



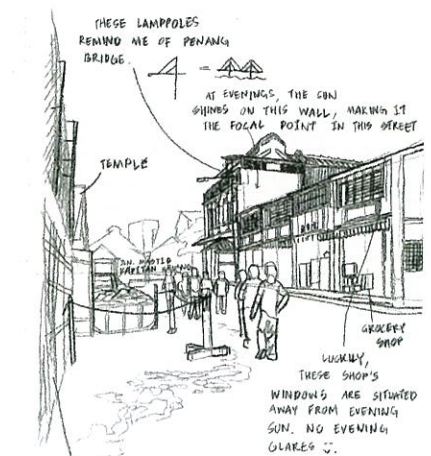
A TRIP TO HISTORICAL GEORGETOWN

TRAVELLOUGE BY ABDUL QAYYUM

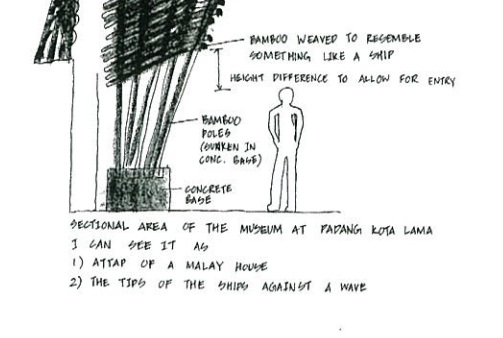
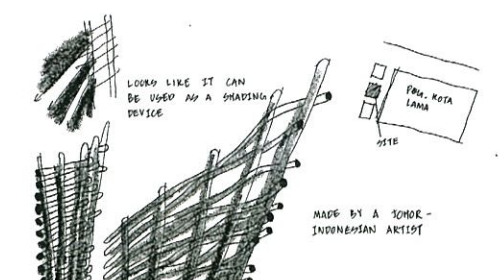
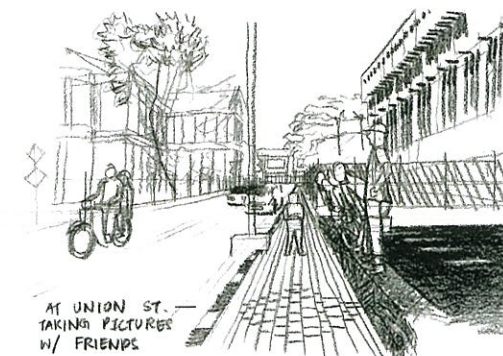
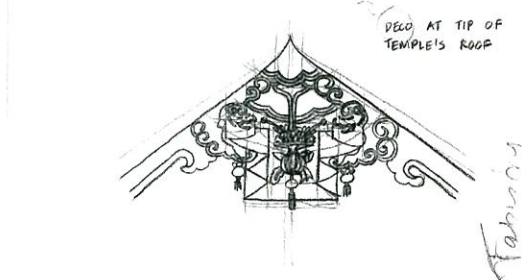
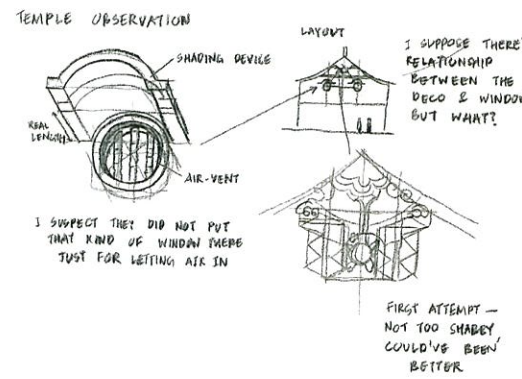
Above: Sketches on 26th October
Below: Sketches on 25th October



A PLEASANT EVENING AT ANTARABANGSA ENT. TWO BUILDINGS SITUATED AT MUNTRI ST., NEARBY MARSDIAH KERING ST.

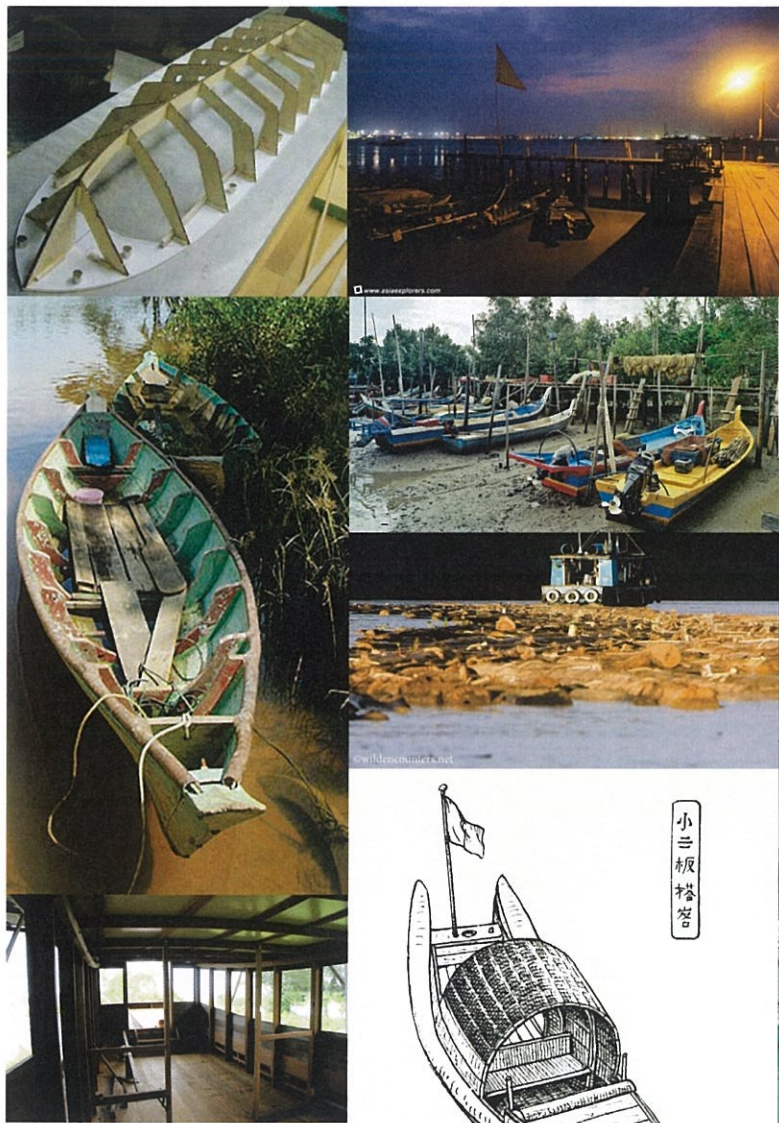


THERE WAS AN ONGOING CONSTRUCTION THERE. DON'T REMEMBER WHAT IT IS.

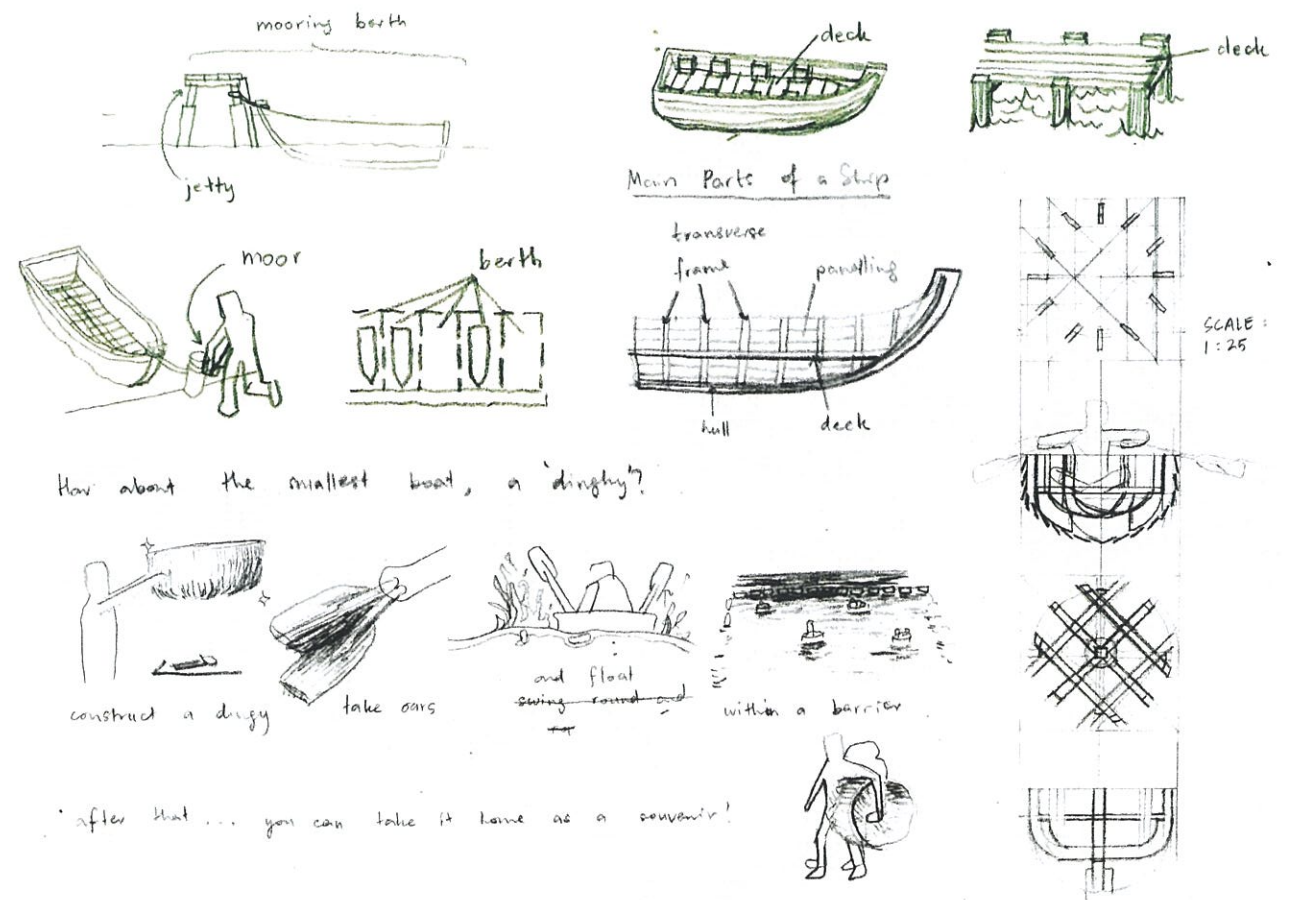
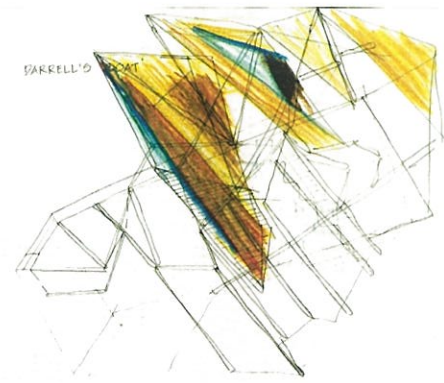


STUDIO_MVRK : 1) ABDUL QAYYUM BIN ABD MUIS

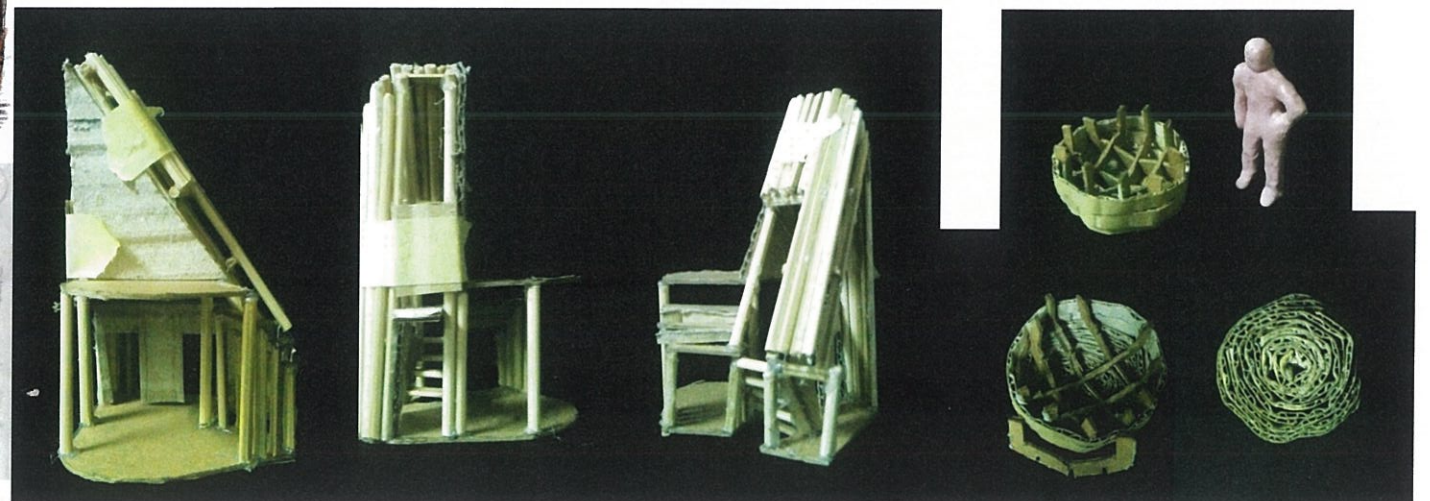
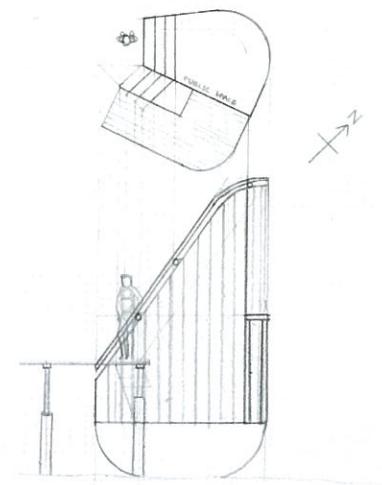
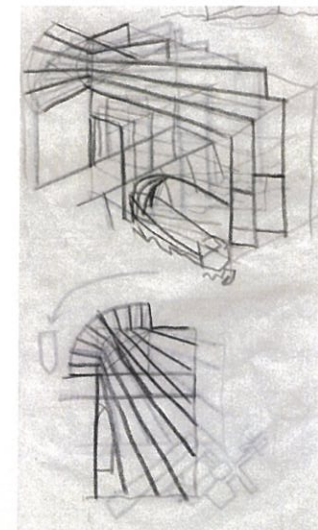
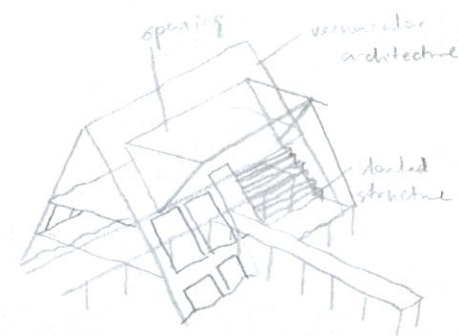
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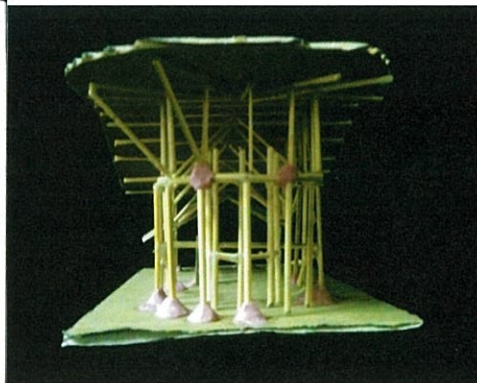
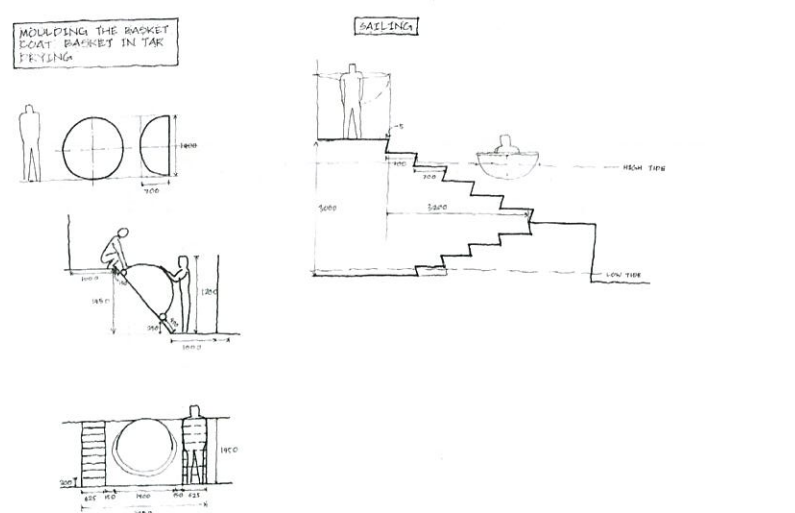
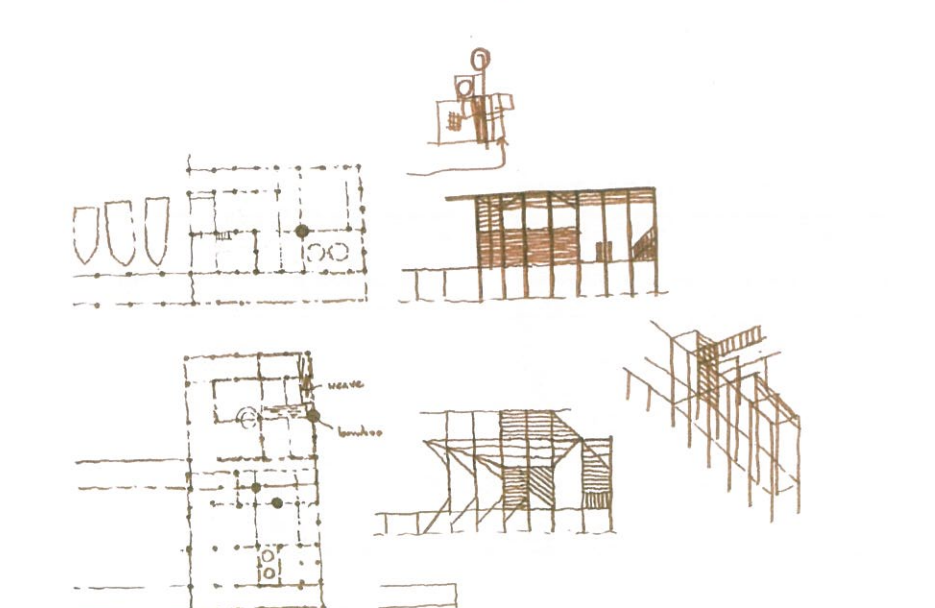
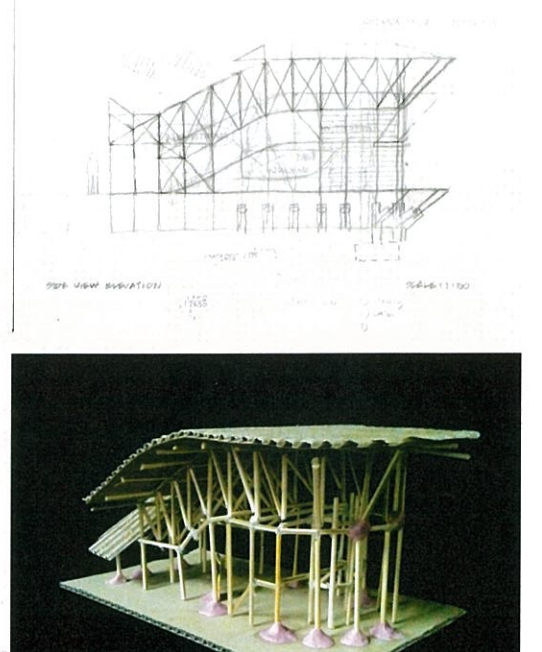
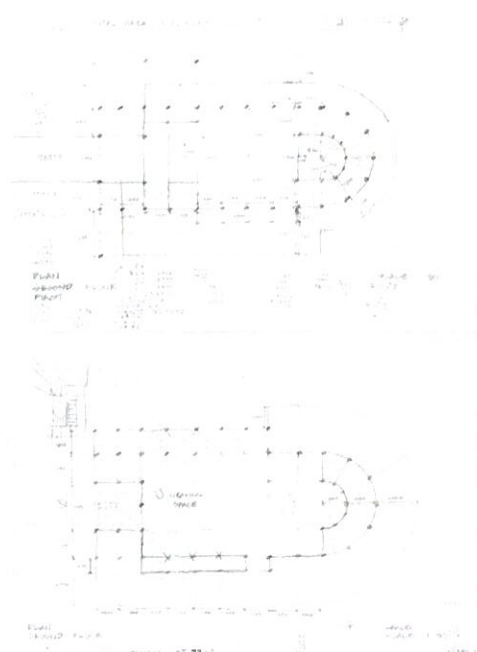
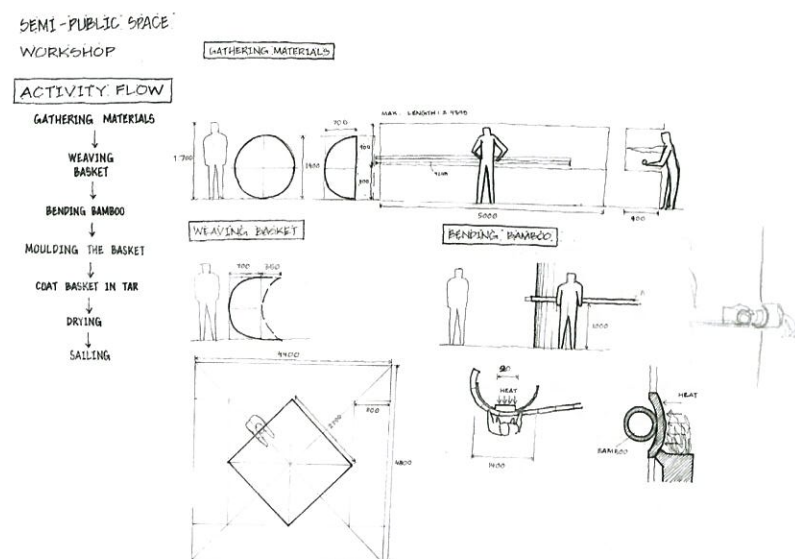
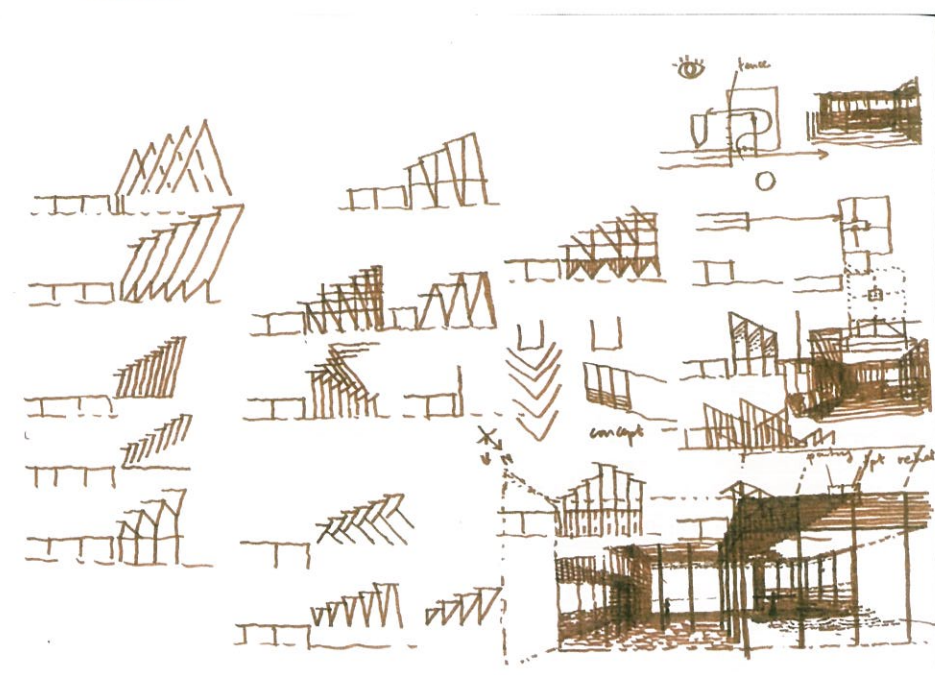
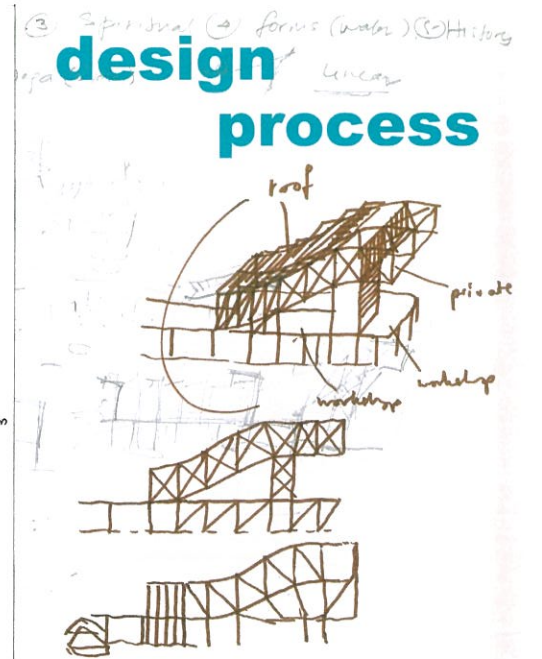
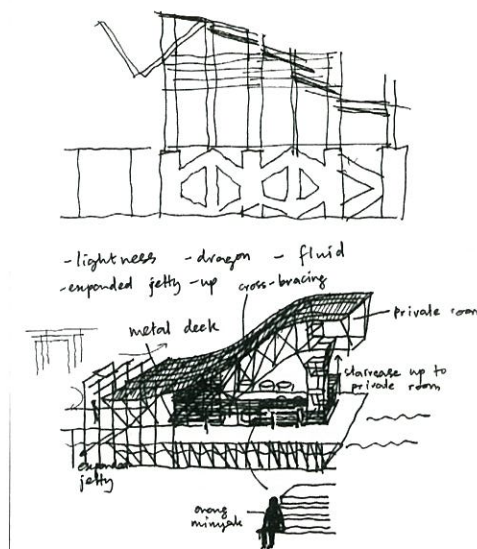
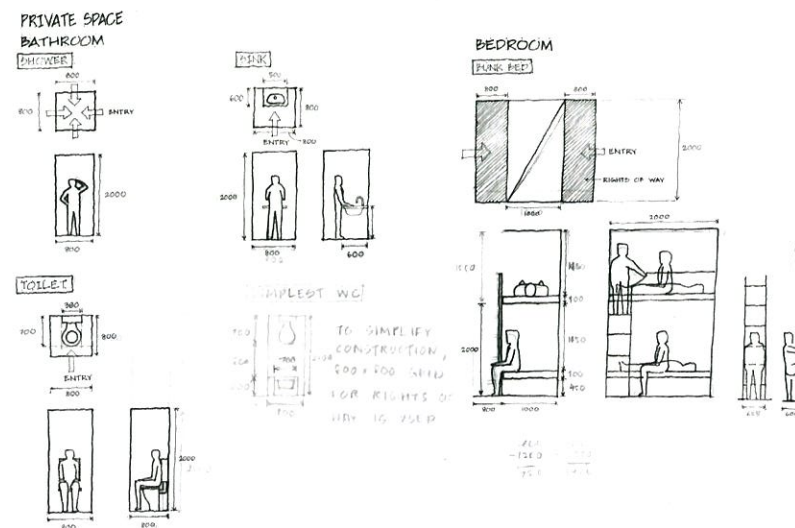
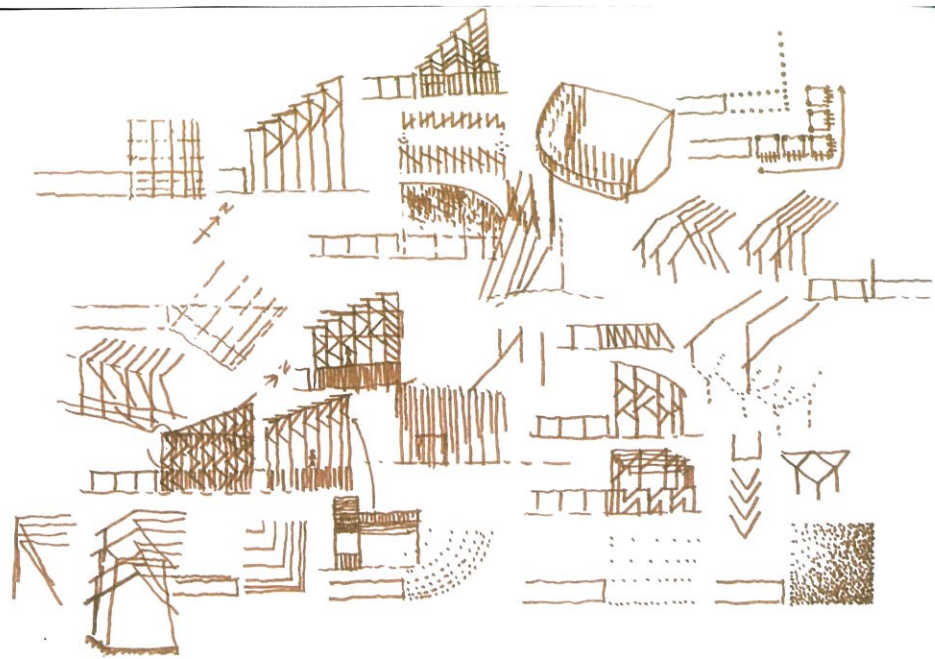
inspirations

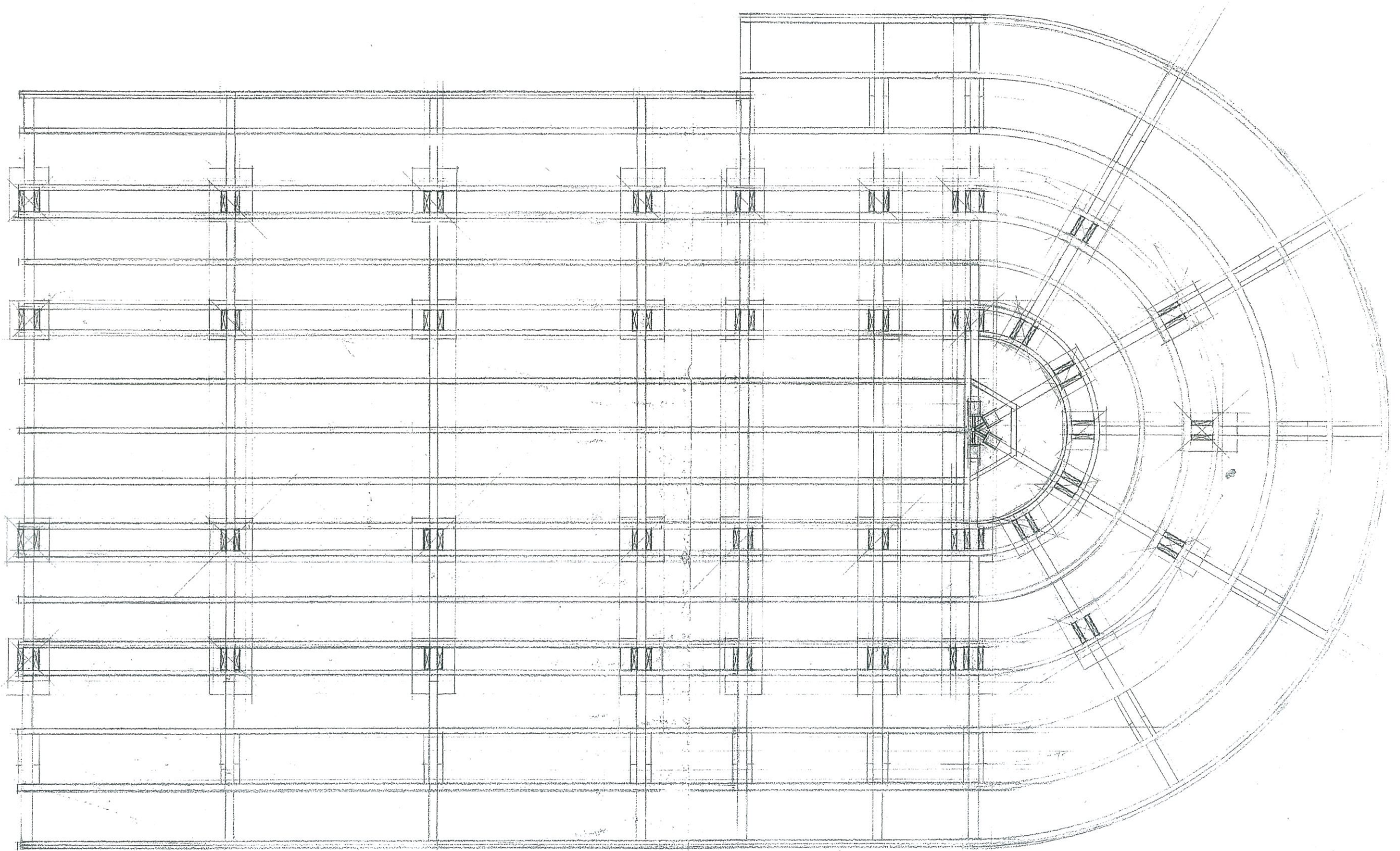


precedent studies



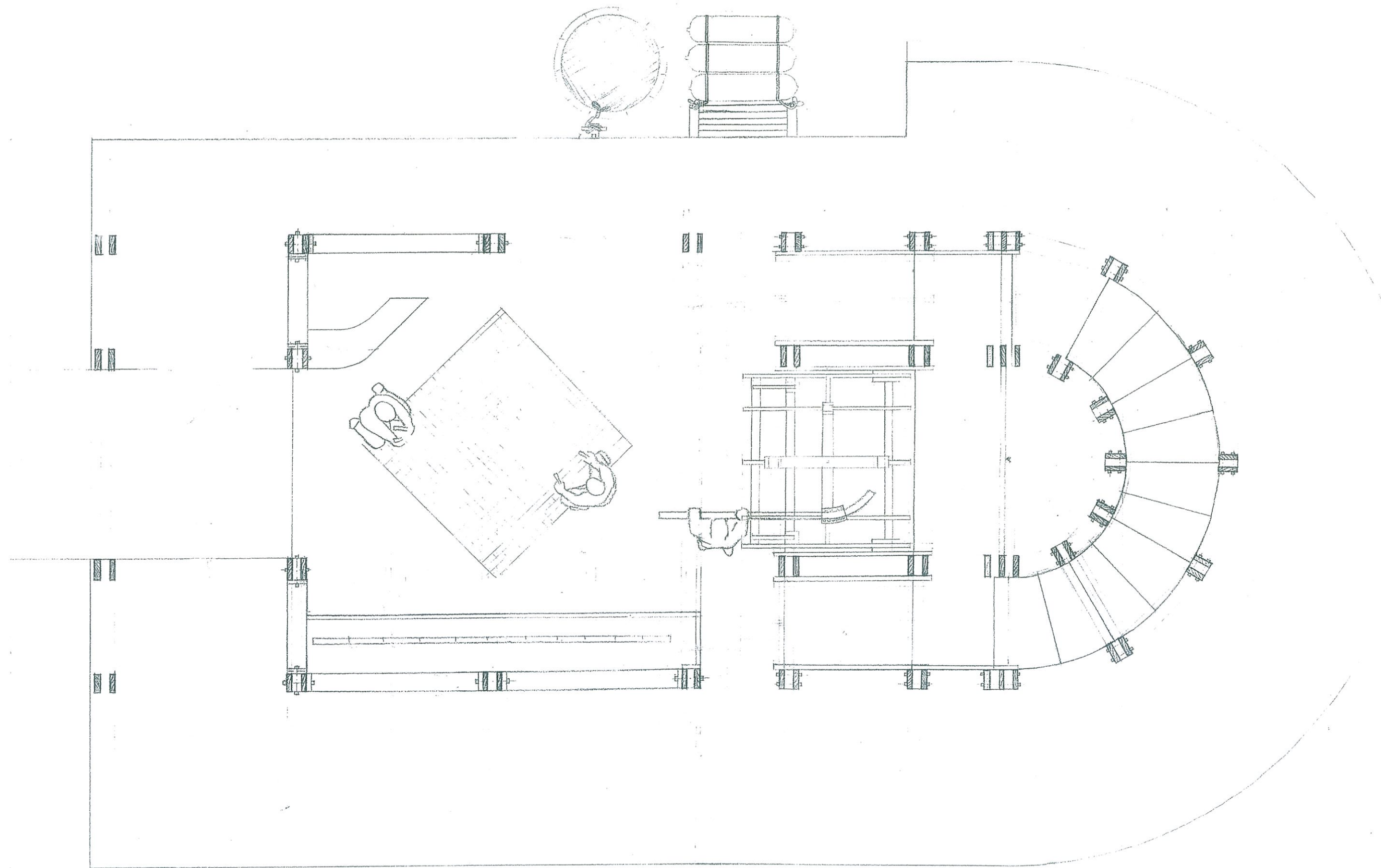
presentation boards 19

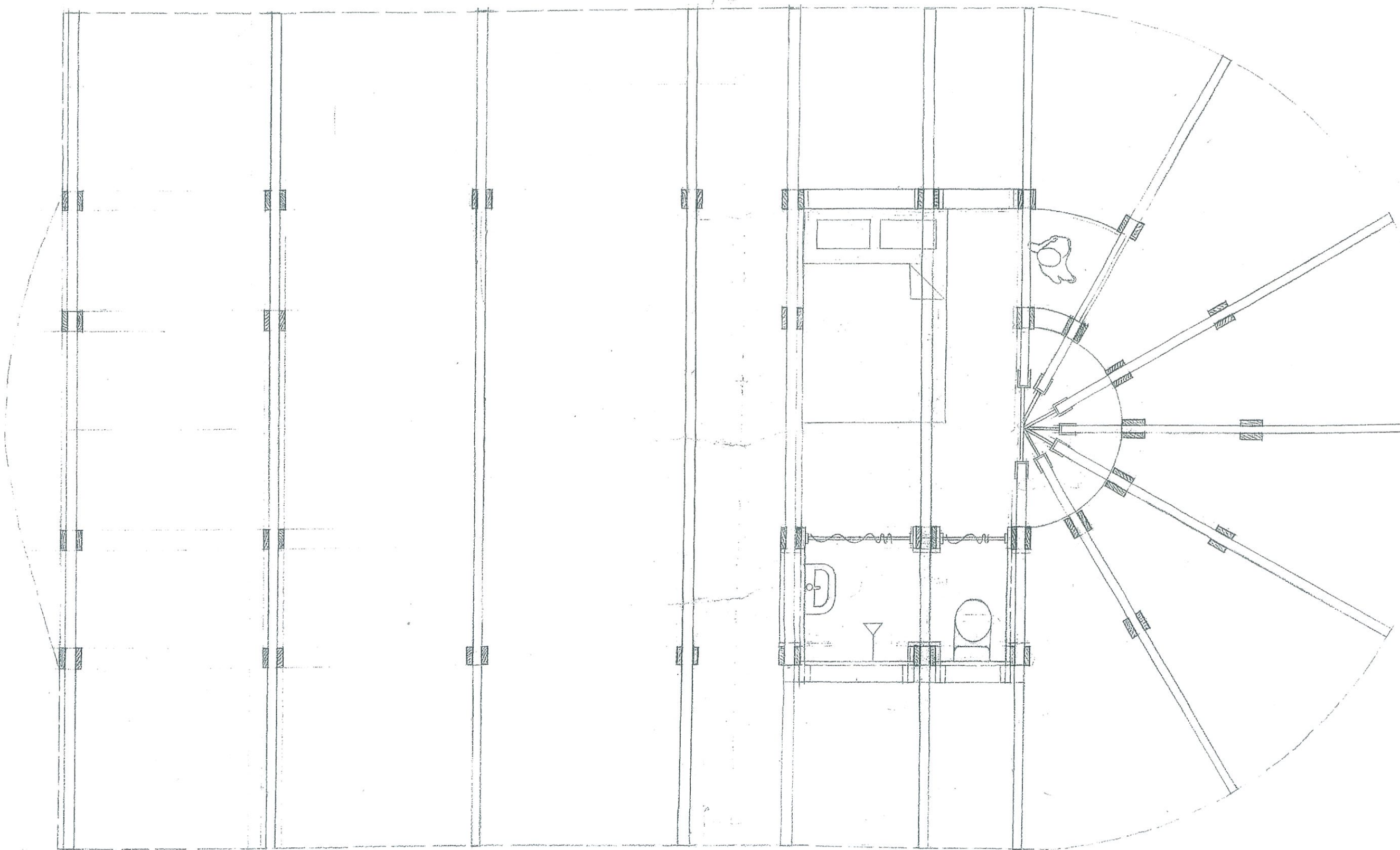




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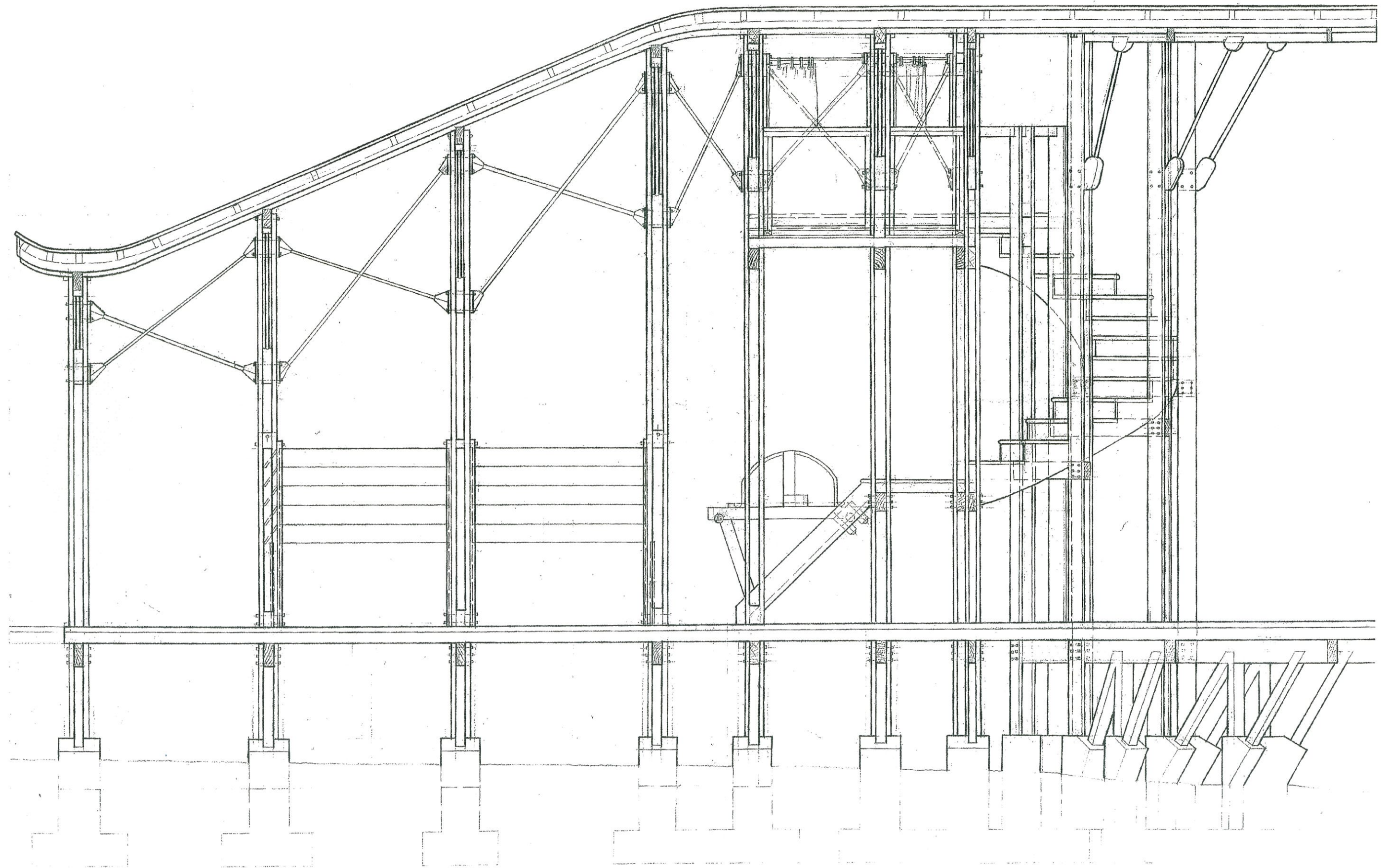
working drawings: floor decking plan 21

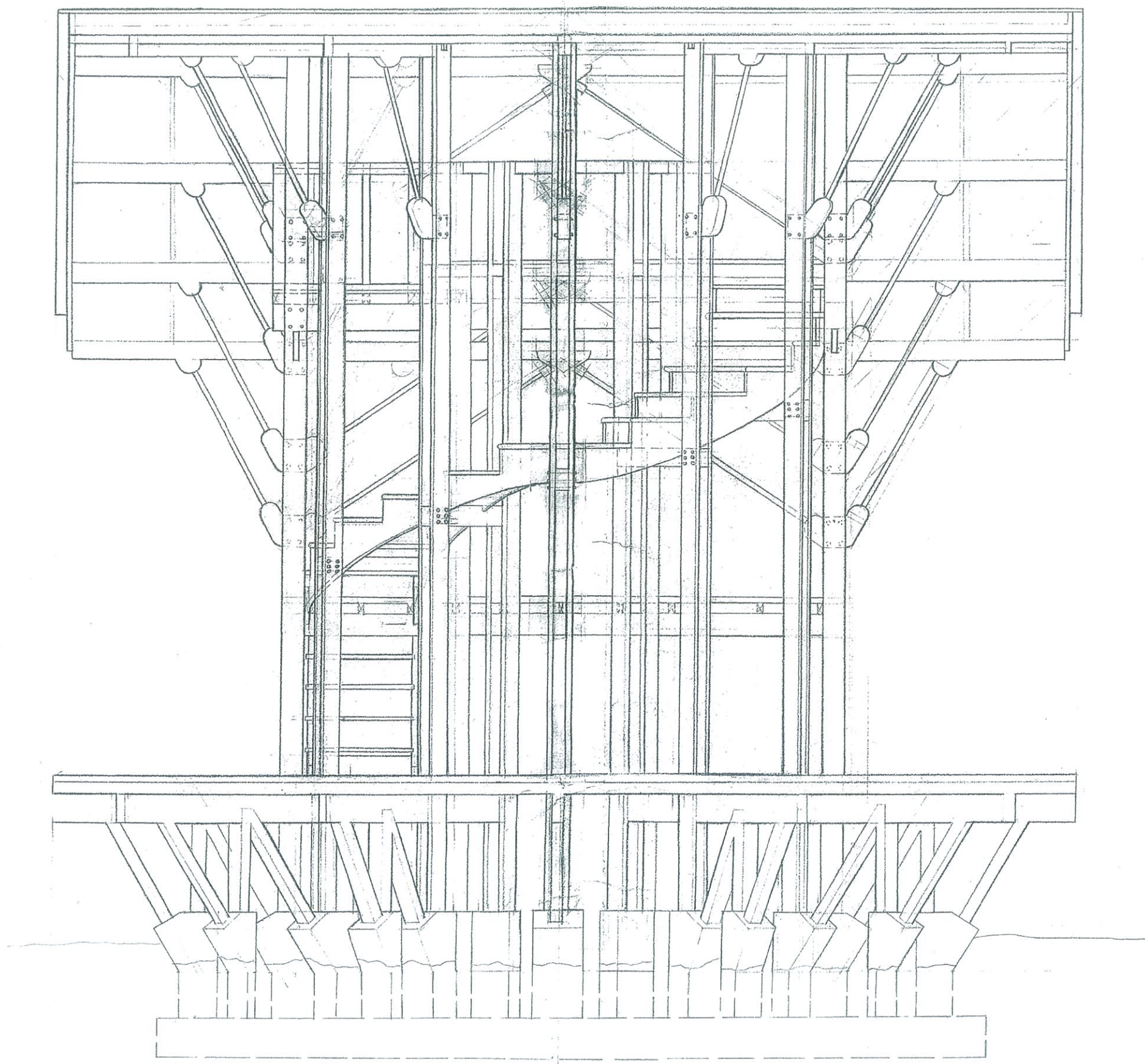




not to scale

working drawings: first floor 23





not to scale

working drawings: front elevation 25

